

- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- MHPA

- Vegetation*
- Sensitive Plant Species
- Type
- Plant

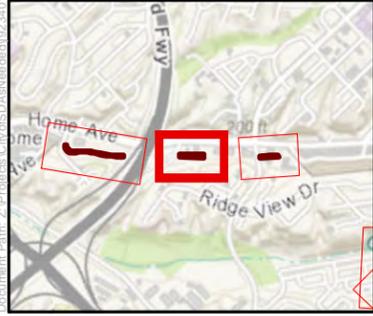
- Activity Area**
- Access/Loading/Staging/Stockpiling Area
 - Maintenance Area

*See Figure 5 for Letter Codes



SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

Pueblo San Diego Watershed
 Auburn Creek - Home
 Figure 6-72 - Biological Resource Map with Proposed FMP Impacts



- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- MHPA

- Vegetation*
- Sensitive Plant Species
- Type**
- Plant

- Activity Area**
- Access/Loading/Staging/Stockpiling Area
- Maintenance Area

*See Figure 5 for Letter Codes

0 35 70 Feet



SOURCE: SANDAG, 2014

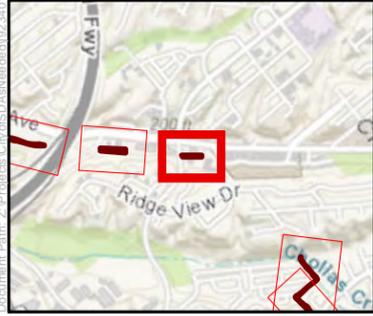
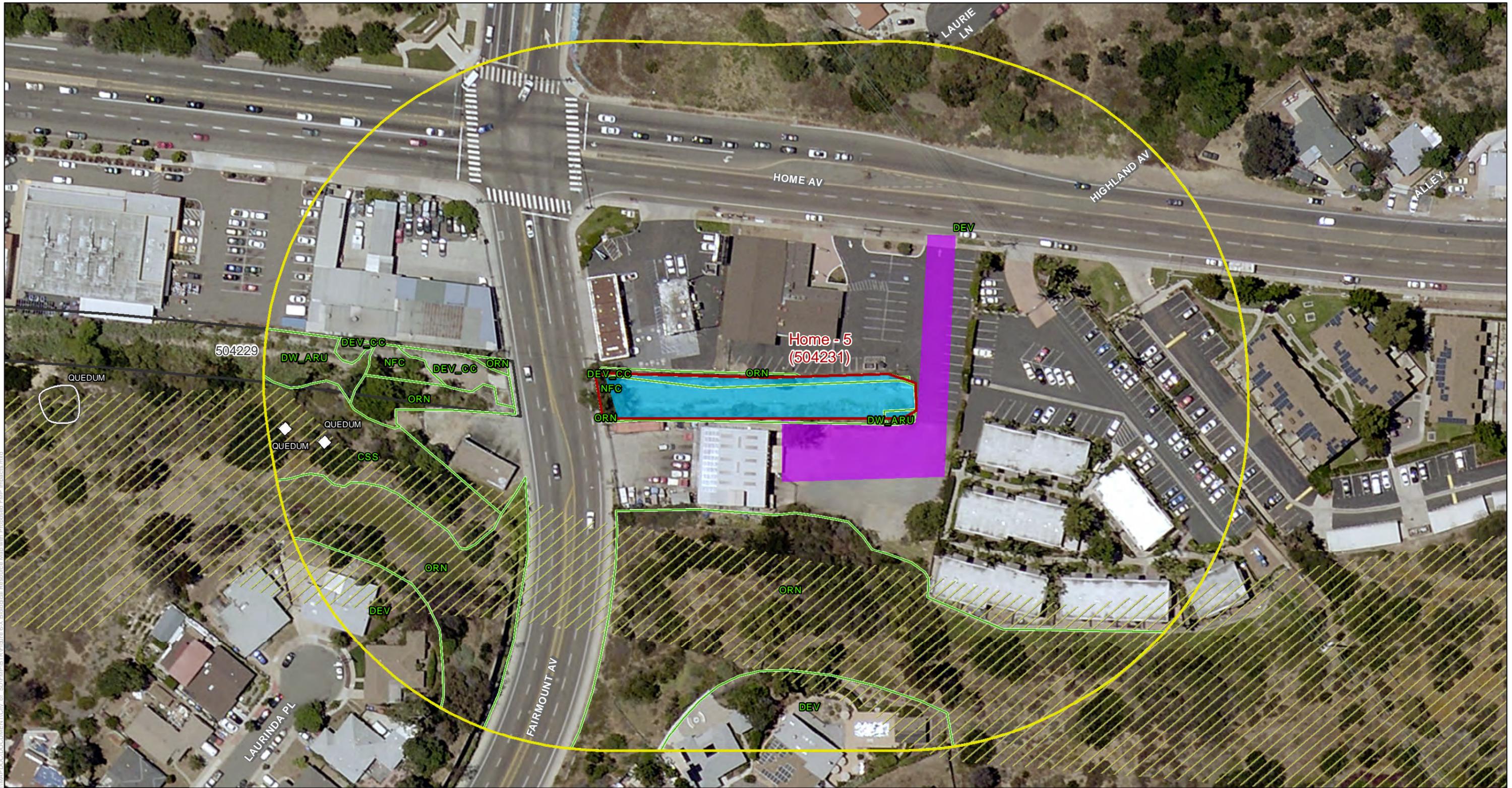
Municipal Waterways Maintenance Plan

Biological Resources Technical Report

Pueblo San Diego Watershed
Auburn Creek - Home

Figure 6-73 - Biological Resource Map with Proposed FMP Impacts

Document Path: Z:\Projects\CitySD\AuburnCreek\02232011\MAPDOC\DOCUMENT\Ctr of SD\MWMP\BTR\Figures 6.X Biological Resource Map with Proposed FMP Impacts.mxd



- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- MHPA

- Vegetation*
- Sensitive Plant Species
- Type**
- Plant

- Activity Area**
- Access/Loading/Staging/Stockpiling Area
- Maintenance Area

*See Figure 5 for Letter Codes

0 35 70 Feet



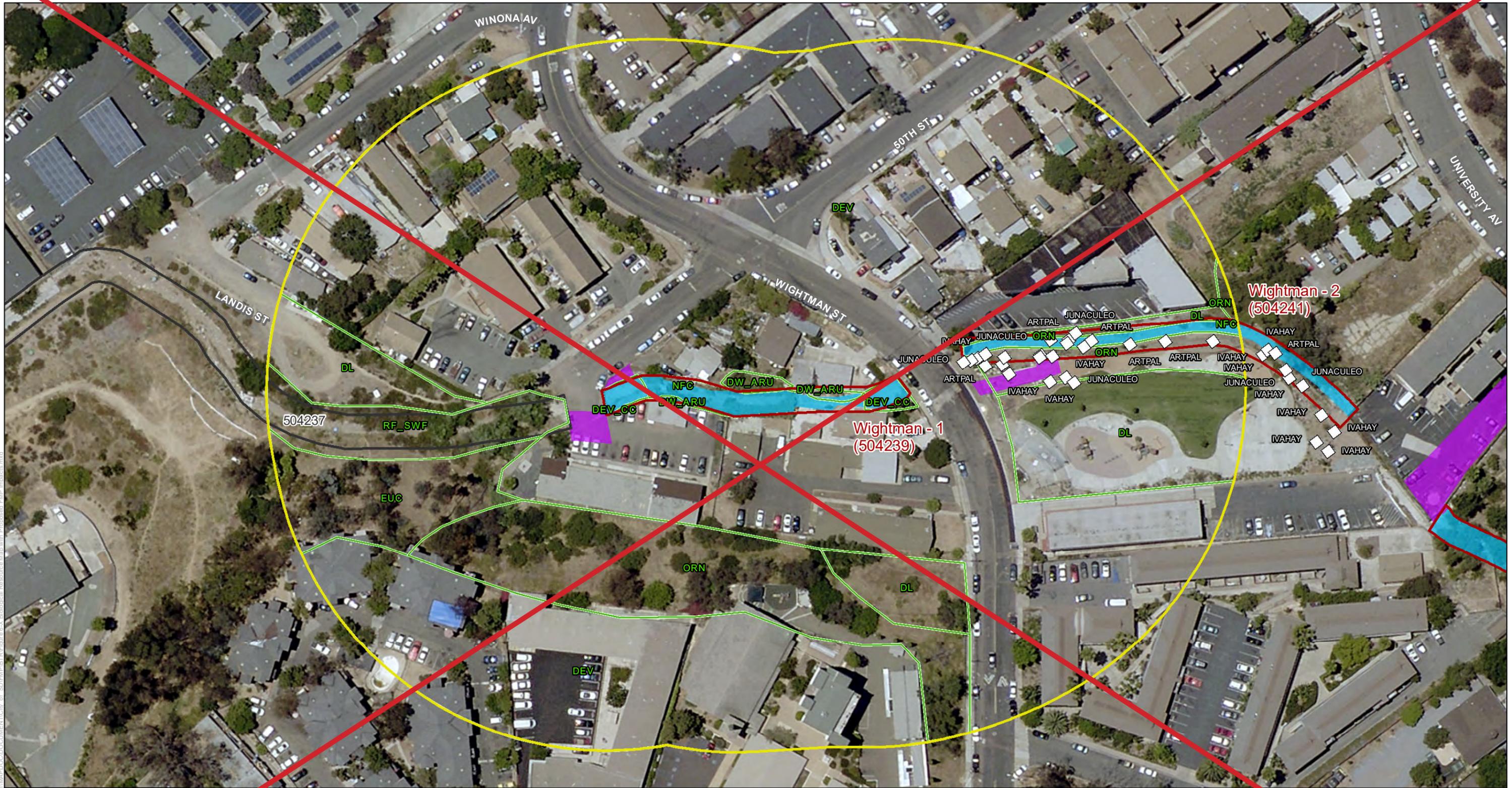
SOURCE: SANDAG, 2014

Municipal Waterways Maintenance Plan

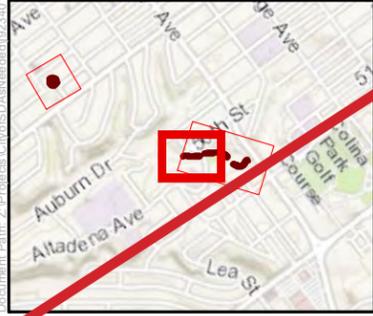
Biological Resources Technical Report

Pueblo San Diego Watershed
Auburn Creek - Home

Figure 6-74 - Biological Resource Map with Proposed FMP Impacts



Document Path: Z:\Projects\CitySD\AuburnCreek\0224101\MAPDOC\DOCUMENT\Chr. of SD\EM\BIB\BIB\Figure 6-75 Biological Resource Map with Proposed FMP Impacts.mxd



<ul style="list-style-type: none"> Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number) Other Facility Inspection Area(s) 300-foot Survey Boundary Vegetation* 	<p>Type</p> <ul style="list-style-type: none"> Plant <p>Activity Area</p> <ul style="list-style-type: none"> Access/Loading/Staging/Stockpiling Area Maintenance Area
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SOURCE: SANDAG, 2014

The City of SAN DIEGO

Municipal Waterways Maintenance Plan

Biological Resources Technical Report

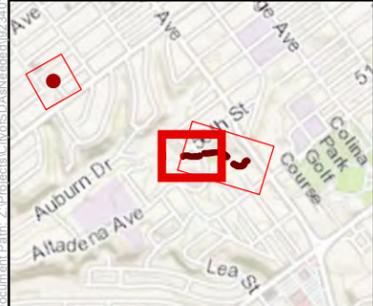
*See Figure 5 for Letter Codes

Pueblo San Diego Watershed
Auburn Creek - Wightman

Figure 6-75 - Biological Resource Map with Proposed FMP Impacts



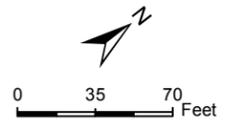
Document Path: Z:\Projects\GIS\SanDiego\MapDocs\DOCUMENT\City of SanDiego\BIB\BIB\Figure 6.5 Biological Resources Map with Proposed FMP Impacts.mxd



- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- Vegetation*

- Type**
- Plant
- Activity Area**
- Access/Loading/Staging/Stockpiling Area
 - Maintenance Area

*See Figure 5 for Letter Codes



SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

Pueblo San Diego Watershed
 Auburn Creek - Wightman

Figure 6-75 - Biological Resource Map with Proposed FMP Impacts



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<ul style="list-style-type: none"> Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number) Other Facility Inspection Area(s) 300-foot Survey Boundary Vegetation* 	<p>Type</p> <ul style="list-style-type: none"> Plant <p>Activity Area</p> <ul style="list-style-type: none"> Access/Loading/Staging/Stockpiling Area Bank Repair 	<ul style="list-style-type: none"> Maintenance Area
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SOURCE: SANDAG, 2014

The City of SAN DIEGO

Municipal Waterways Maintenance Plan

Biological Resources Technical Report

*See Figure 5 for Letter Codes

0 40 80 Feet

Pueblo San Diego Watershed
Auburn Creek - Wightman

Figure 6-76 - Biological Resource Map with Proposed FMP Impacts



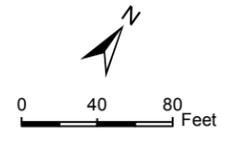
Document Path: Z:\Projects\CityofSanDiego\Documents\09232011\MAPDOC\DOCUMENT\City of SanDiego\BTR\Figure 6-X Biological Resources Map with Proposed FMP Impacts.mxd



- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- Vegetation*

- Type**
- Plant
- Activity Area**
- Access/Loading/Staging/Stockpiling Area
 - Bank Repair
- Maintenance Area

*See Figure 5 for Letter Codes



SOURCE: SANDAG, 2014

Municipal Waterways Maintenance Plan

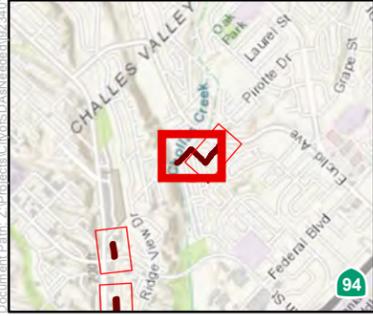
Biological Resources Technical Report

Pueblo San Diego Watershed
Auburn Creek - Wightman

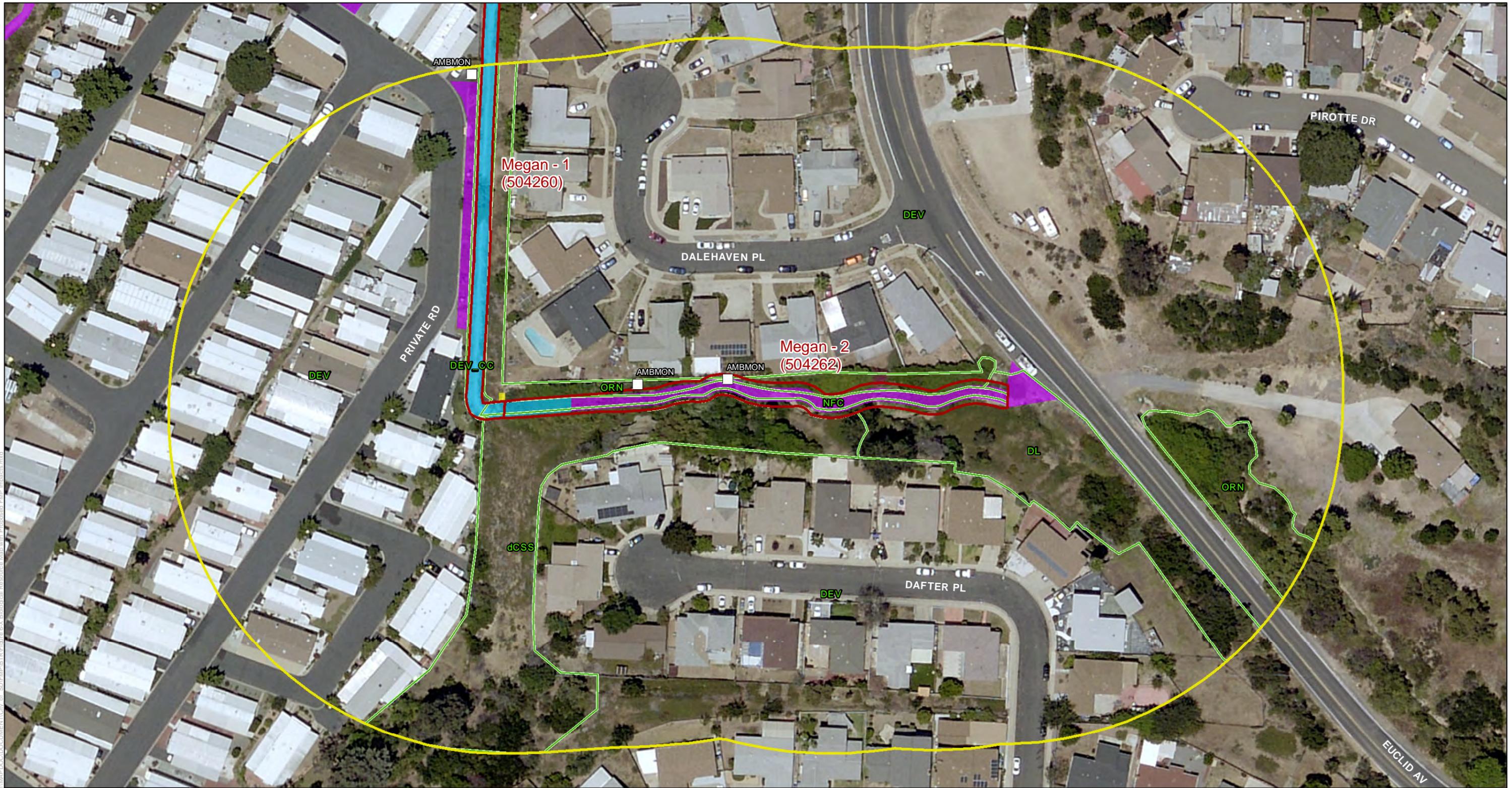
Figure 6-76 - Biological Resource Map with Proposed FMP Impacts



Document Path: Z:\Projects\Chollas\BIOLOGICAL_RESOURCES\Map\Proposed_FMP_Impacts.mxd



<ul style="list-style-type: none"> Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number) Other Facility Inspection Area(s) 300-foot Survey Boundary MHPA 	<ul style="list-style-type: none"> Vegetation* Sensitive Plant Species Type Plant 	<p>Activity Area</p> <ul style="list-style-type: none"> Access/Loading/Staging/Stockpiling Area Bank Repair Maintenance Area 	<p>*See Figure 5 for Letter Codes</p> <p>0 45 90 Feet</p>
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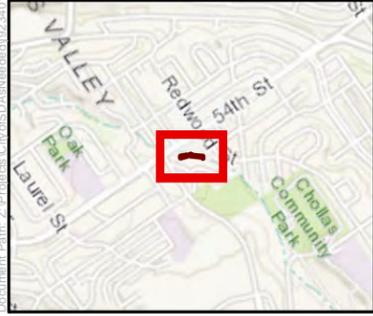
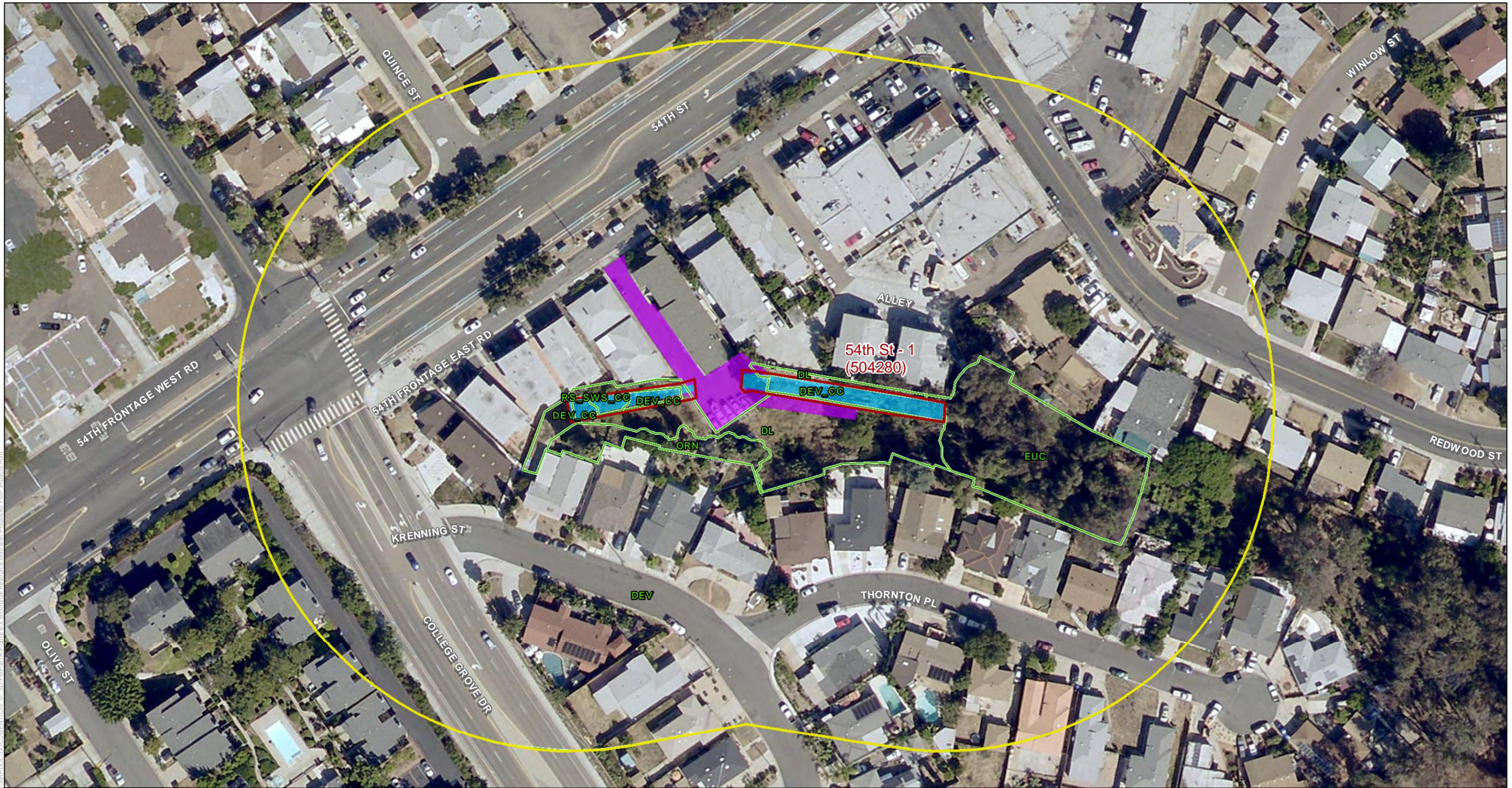


 Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
 Other Facility Inspection Area(s)
 300-foot Survey Boundary
 Vegetation*

Type
 Plant
Activity Area
 Access/Loading/Staging/Stockpiling Area
 Bank Repair
 Maintenance Area

*See Figure 5 for Letter Codes
 0 35 70 Feet

Pueblo San Diego Watershed
 Chollas Creek - Megan
 Figure 6-78 - Biological Resource Map with Proposed FMP Impacts



- Proposed MWMP Project Facilities (FMPs)
(labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- Vegetation*

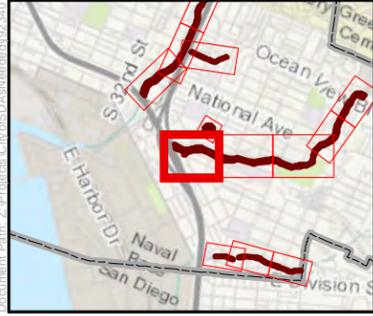
- Activity Area**
- Access/Loading/Staging/Stockpiling Area
 - Maintenance Area

*See Figure 5 for Letter Codes 0 35 70 Feet



SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

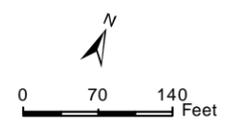
Pueblo San Diego Watershed
 Chollas Creek - 54th St
 Figure 6-79 - Biological Resource Map with Proposed FMP Impacts



- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- Vegetation*

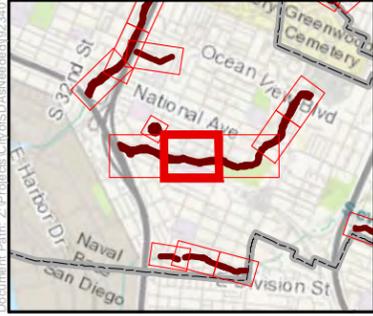
- Sensitive Plant Species
- Type**
- Animal
 - Plant

*See Figure 5 for Letter Codes



SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

Pueblo San Diego Watershed
 South Chollas Creek - Southcrest
 Figure 6-80 - Biological Resource Map with Proposed FMP Impacts

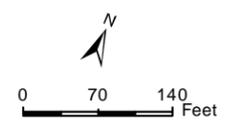


- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- Vegetation*

- Sensitive Plant Species
- Type**
- Animal
- Plant

- Activity Area**
- Access/Loading/Staging/Stockpiling Area
- Maintenance Area

*See Figure 5 for Letter Codes



SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

Pueblo San Diego Watershed
 South Chollas Creek - Southcrest
 Figure 6-81 - Biological Resource Map with Proposed FMP Impacts

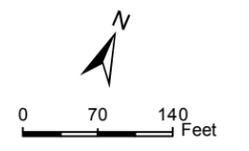


- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- Vegetation*

- Sensitive Plant Species**
- Type**
- Animal
 - Plant

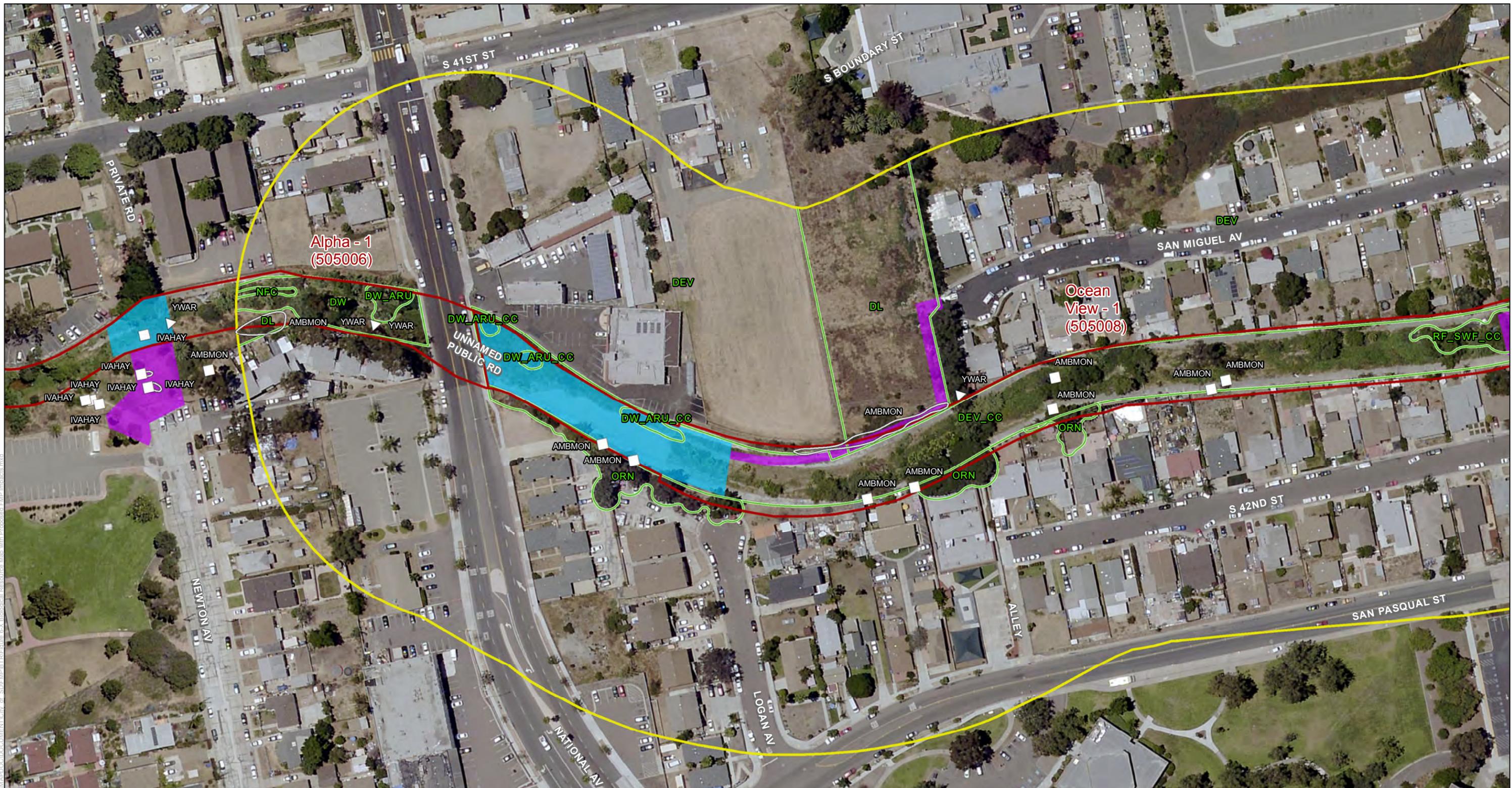
- Activity Area**
- Access/Loading/Staging/Stockpiling Area
 - Bank Repair
 - Maintenance Area

*See Figure 5 for Letter Codes

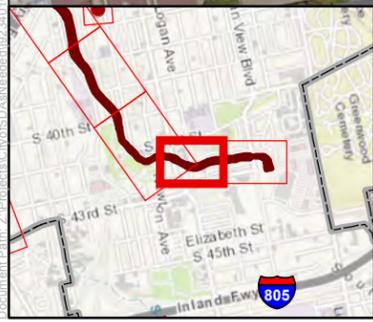


SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

Pueblo San Diego Watershed
 South Chollas Creek - Southcrest
 Figure 6-82 - Biological Resource Map with Proposed FMP Impacts



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- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- Vegetation*

- Sensitive Plant Species
- Type**
- Animal
- Plant

- Activity Area**
- Access/Loading/Staging/Stockpiling Area
- Maintenance Area

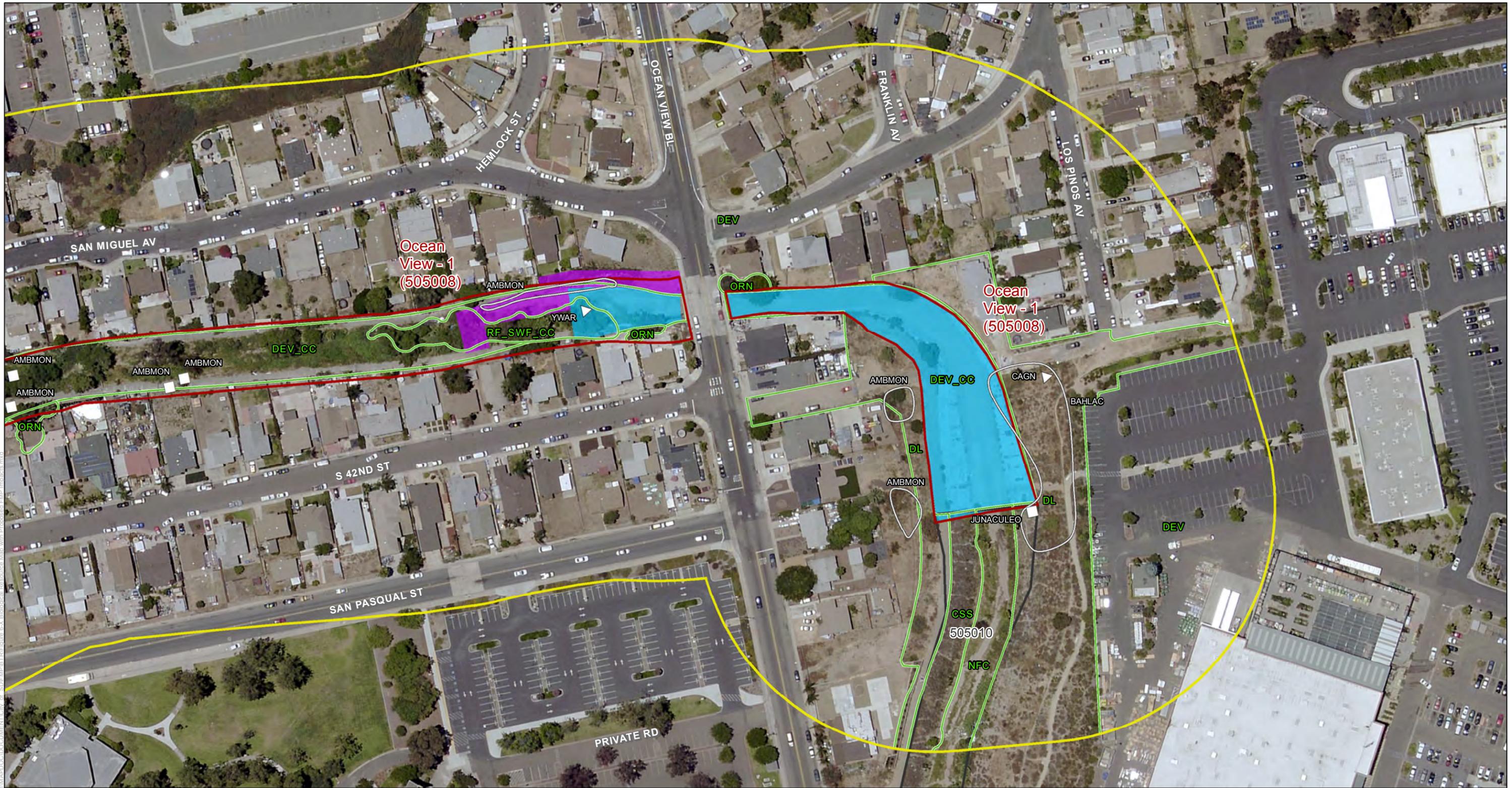
*See Figure 5 for Letter Codes



SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

Pueblo San Diego Watershed
 South Chollas Creek - Southcrest

Figure 6-83 - Biological Resource Map with Proposed FMP Impacts



- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- Vegetation*

- Sensitive Plant Species
- Type**
- Animal
- Plant

- Activity Area**
- Access/Loading/Staging/Stockpiling Area
- Maintenance Area

*See Figure 5 for Letter Codes



 0 50 100 Feet



SOURCE: SANDAG, 2014

Municipal Waterways Maintenance Plan

Biological Resources Technical Report

Pueblo San Diego Watershed
South Chollas Creek - Southcrest

Figure 6-84 - Biological Resource Map with Proposed FMP Impacts



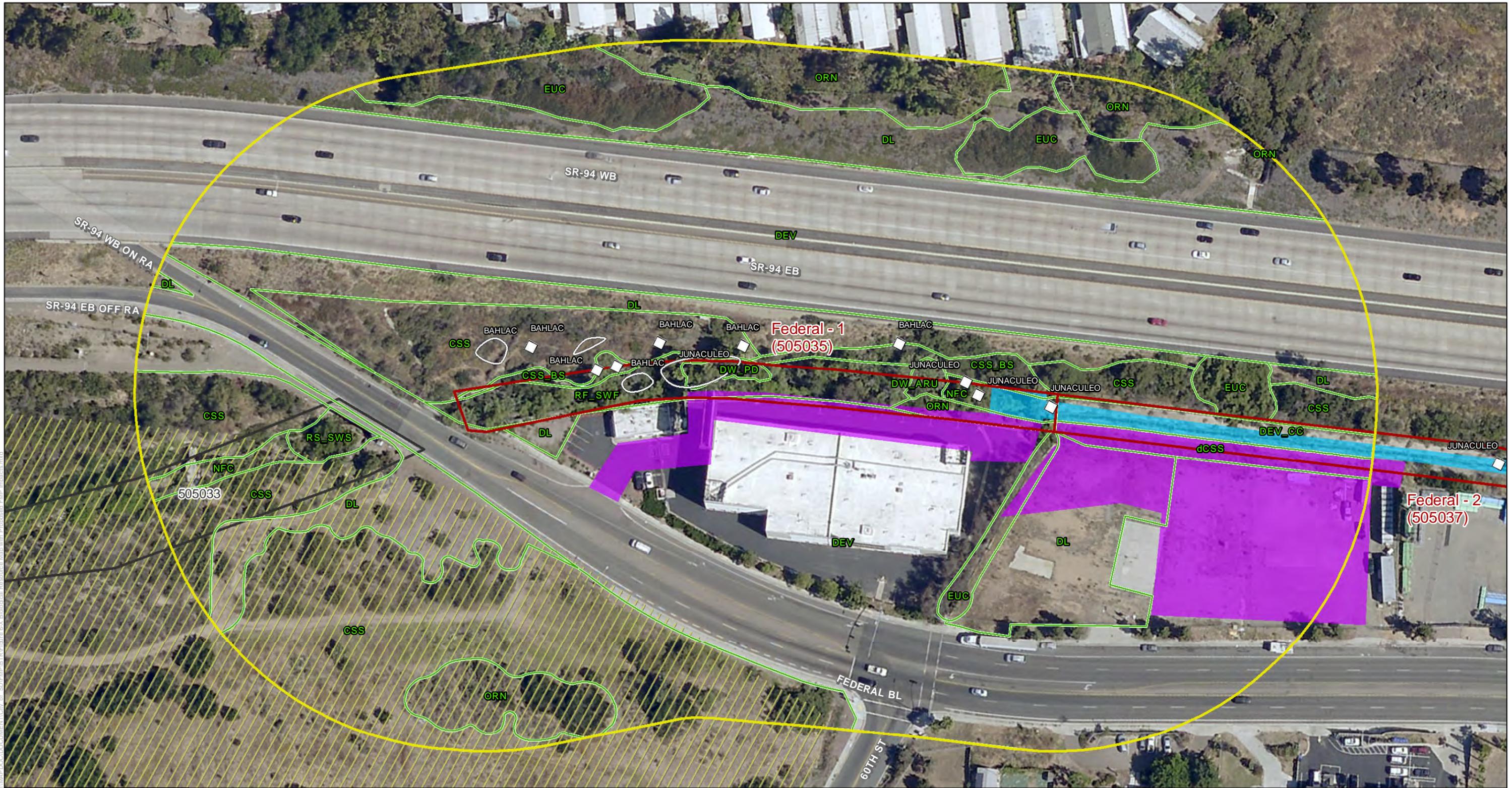
Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
 Other Facility Inspection Area(s)
 300-foot Survey Boundary
 Vegetation*

Type
 Plant
Activity Area
 Access/Loading/Staging/Stockpiling Area
 Maintenance Area

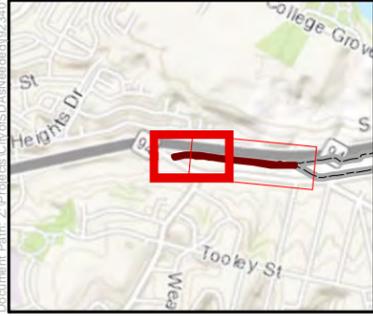
SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

*See Figure 5 for Letter Codes





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<ul style="list-style-type: none"> Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number) Other Facility Inspection Area(s) 300-foot Survey Boundary MHPA 	<ul style="list-style-type: none"> Vegetation* Sensitive Plant Species Type Plant 	<p>Activity Area</p> <ul style="list-style-type: none"> Access/Loading/Staging/Stockpiling Area Maintenance Area
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SOURCE: SANDAG, 2014

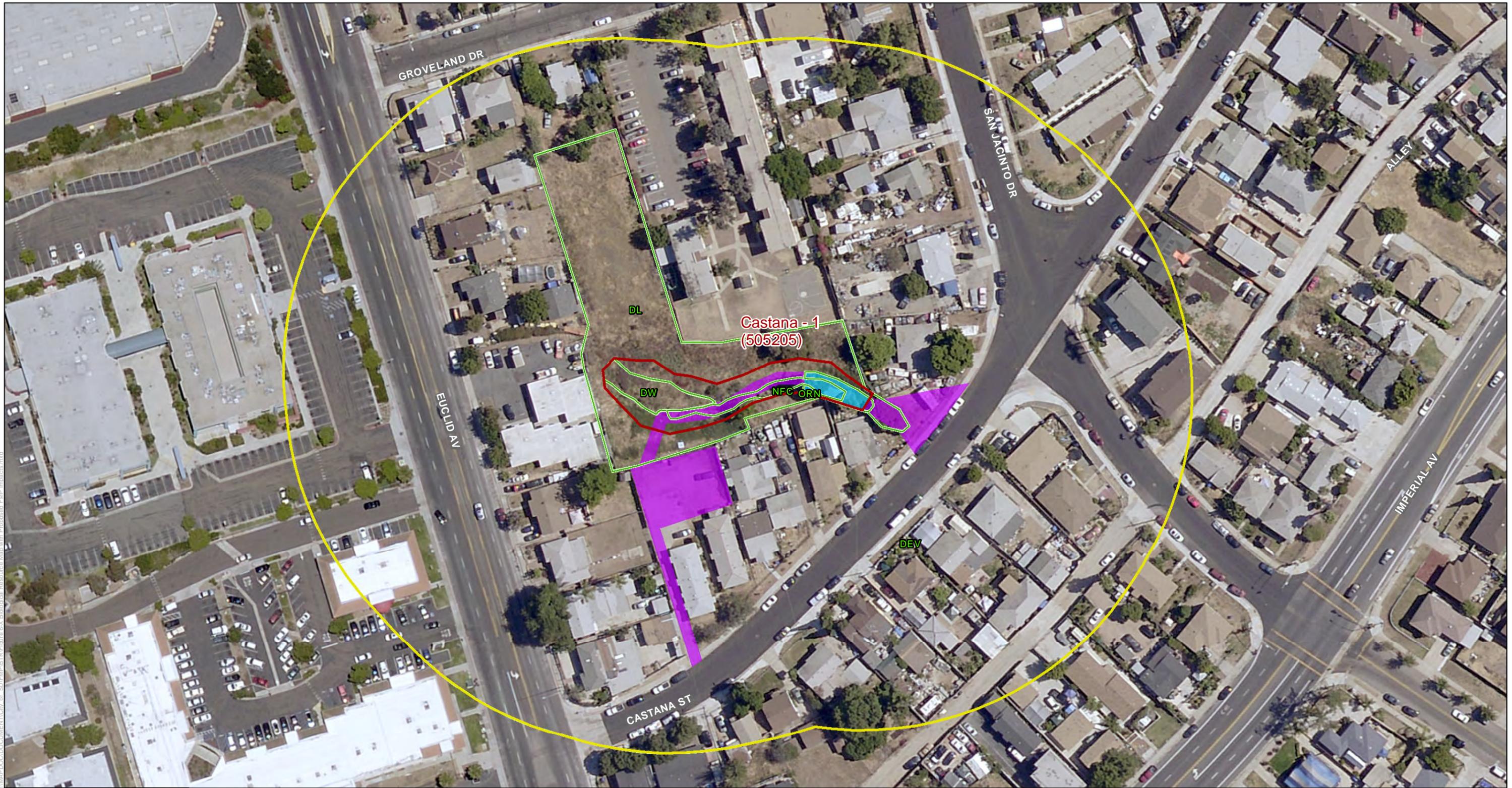
Municipal Waterways Maintenance Plan

Biological Resources Technical Report

*See Figure 5 for Letter Codes

Pueblo San Diego Watershed
 South Chollas Creek - Federal

Figure 6-86 - Biological Resource Map with Proposed FMP Impacts



Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
 Other Facility Inspection Area(s)
 300-foot Survey Boundary
 Vegetation*

Activity Area
 Access/Loading/Staging/Stockpiling Area
 Maintenance Area

SOURCE: SANDAG, 2014

The City of SAN DIEGO

Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

*See Figure 5 for Letter Codes

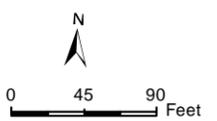
Pueblo San Diego Watershed
 South Chollas Creek Encanto Branch - Castana
 Figure 6-88 - Biological Resource Map with Proposed FMP Impacts

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- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- MHPA
- Vegetation*
- Sensitive Plant Species
- Activity Area**
- Access/Loading/Staging/Stockpiling Area
- Maintenance Area

*See Figure 5 for Letter Codes



SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

Pueblo San Diego Watershed
 South Chollas Creek Encanto Branch - Imperial
 Figure 6-89 - Biological Resource Map with Proposed FMP Impacts



- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- Vegetation*

- Type**
- Plant
- Activity Area**
- Access/Loading/Staging/Stockpiling Area
 - Maintenance Area

*See Figure 5 for Letter Codes

0 62.5 125 Feet



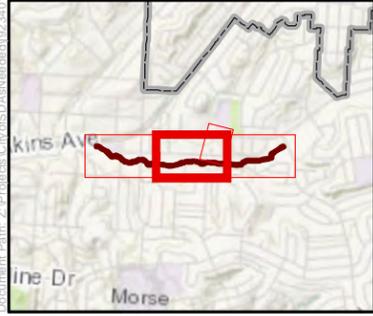
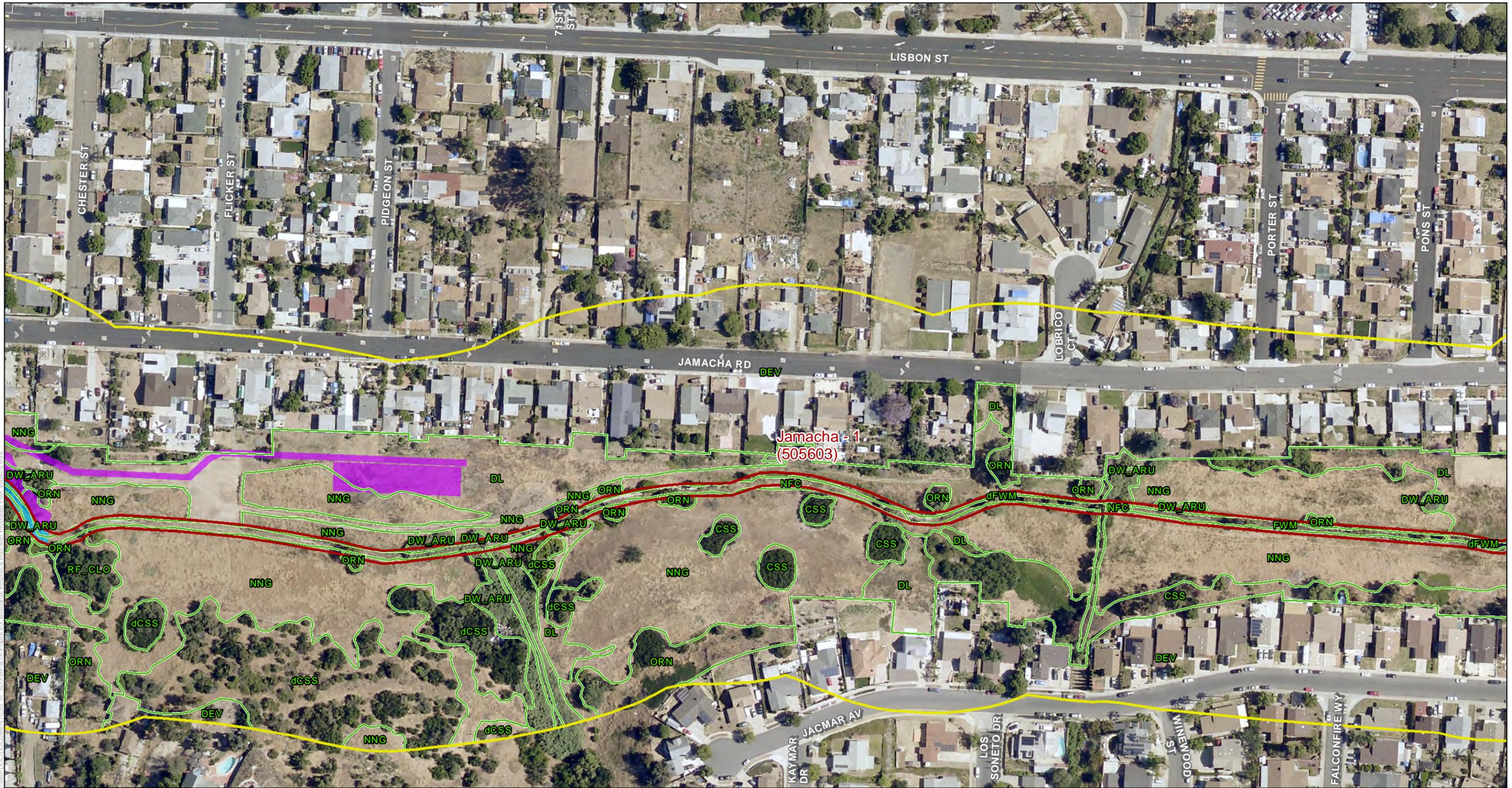
SOURCE: SANDAG, 2014

Municipal Waterways Maintenance Plan

Biological Resources Technical Report

Pueblo San Diego Watershed
South Chollas Creek Encanto Branch - Jamacha

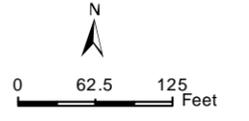
Figure 6-90 - Biological Resource Map with Proposed FMP Impacts



- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- Vegetation*

- Activity Area**
- Access/Loading/Staging/Stockpiling Area
 - Maintenance Area

*See Figure 5 for Letter Codes



SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

Pueblo San Diego Watershed
 South Chollas Creek Encanto Branch - Jamacha
 Figure 6-91 - Biological Resource Map with Proposed FMP Impacts



- Proposed MWMP Project Facilities (FMPs)
(labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- Vegetation*

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SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

*See Figure 5 for Letter Codes

0 62.5 125
 Feet

Pueblo San Diego Watershed
 South Chollas Creek Encanto Branch - Jamacha

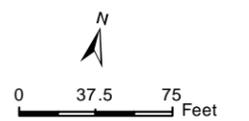
Figure 6-92 - Biological Resource Map with Proposed FMP Impacts



- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- Vegetation*

- Activity Area**
- Access/Loading/Staging/Stockpiling Area
 - Maintenance Area

*See Figure 5 for Letter Codes



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The City of **SAN DIEGO**

SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

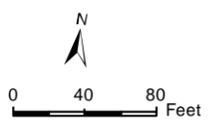
Pueblo San Diego Watershed
 Paleta Creek - Cottonwood

Figure 6-93 - Biological Resource Map with Proposed FMP Impacts



- | | |
|---|---|
| <ul style="list-style-type: none"> Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number) Other Facility Inspection Area(s) 300-foot Survey Boundary Vegetation* | <p>Activity Area</p> <ul style="list-style-type: none"> Access/Loading/Staging/Stockpiling Area Maintenance Area |
|---|---|

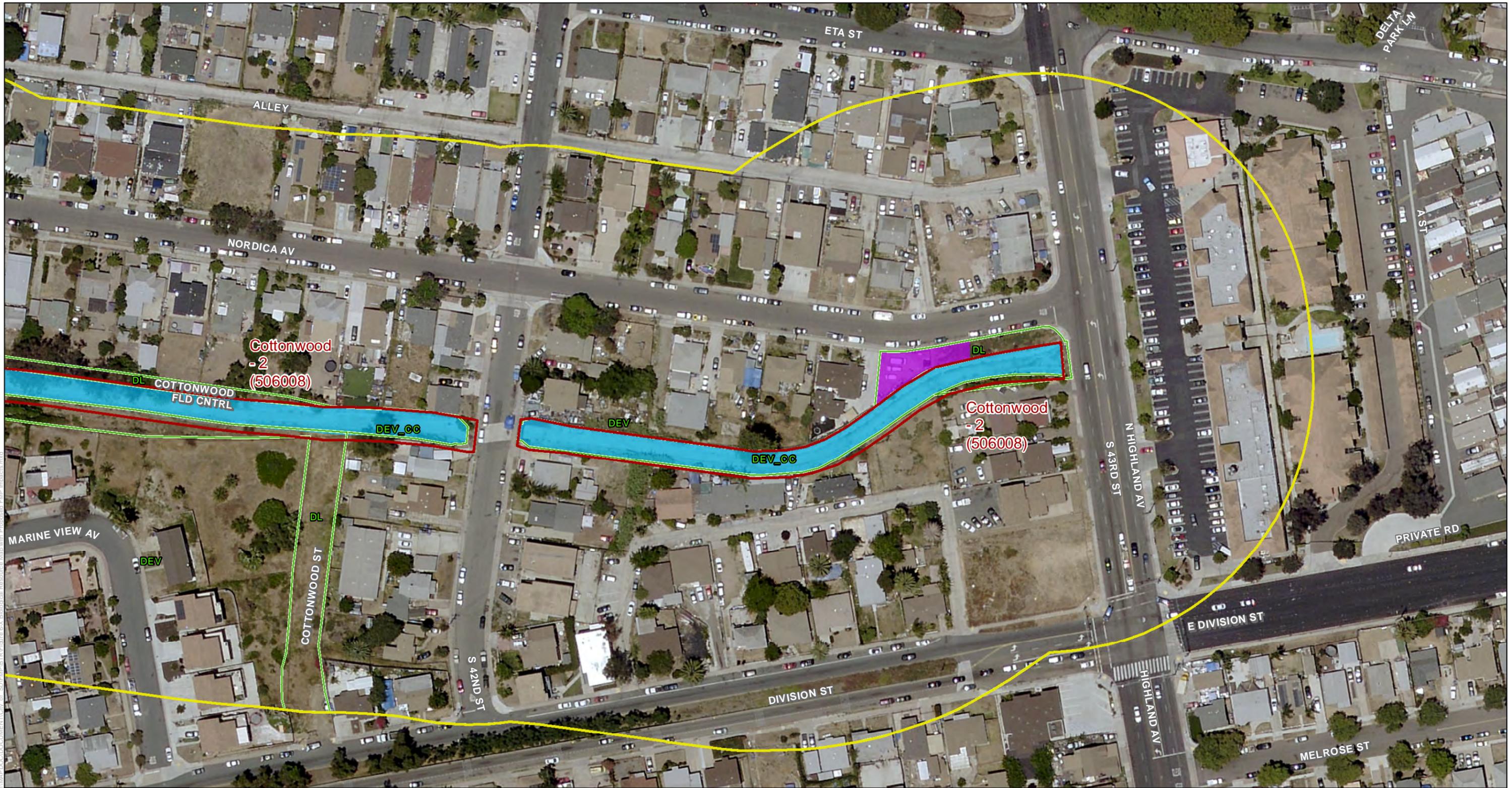
*See Figure 5 for Letter Codes



SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

Pueblo San Diego Watershed
 Paleta Creek - Cottonwood

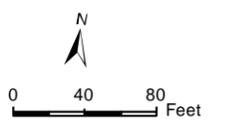
Figure 6-94 - Biological Resource Map with Proposed FMP Impacts



- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- Vegetation*

- Activity Area**
- Access/Loading/Staging/Stockpiling Area
 - Maintenance Area

*See Figure 5 for Letter Codes



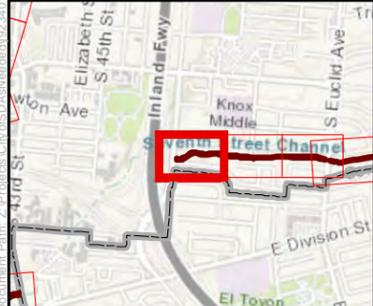
SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

Pueblo San Diego Watershed
 Paleta Creek - Cottonwood

Figure 6-95 - Biological Resource Map with Proposed FMP Impacts



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- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- Vegetation*

- Activity Area**
- Access/Loading/Staging/Stockpiling Area
 - Maintenance Area

*See Figure 5 for Letter Codes



SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

Pueblo San Diego Watershed
 Paleta Creek - Solola
 Figure 6-96 - Biological Resource Map with Proposed FMP Impacts



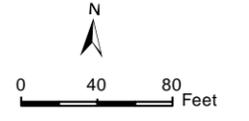
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- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- Vegetation*

- Activity Area**
- Access/Loading/Staging/Stockpiling Area
 - Maintenance Area

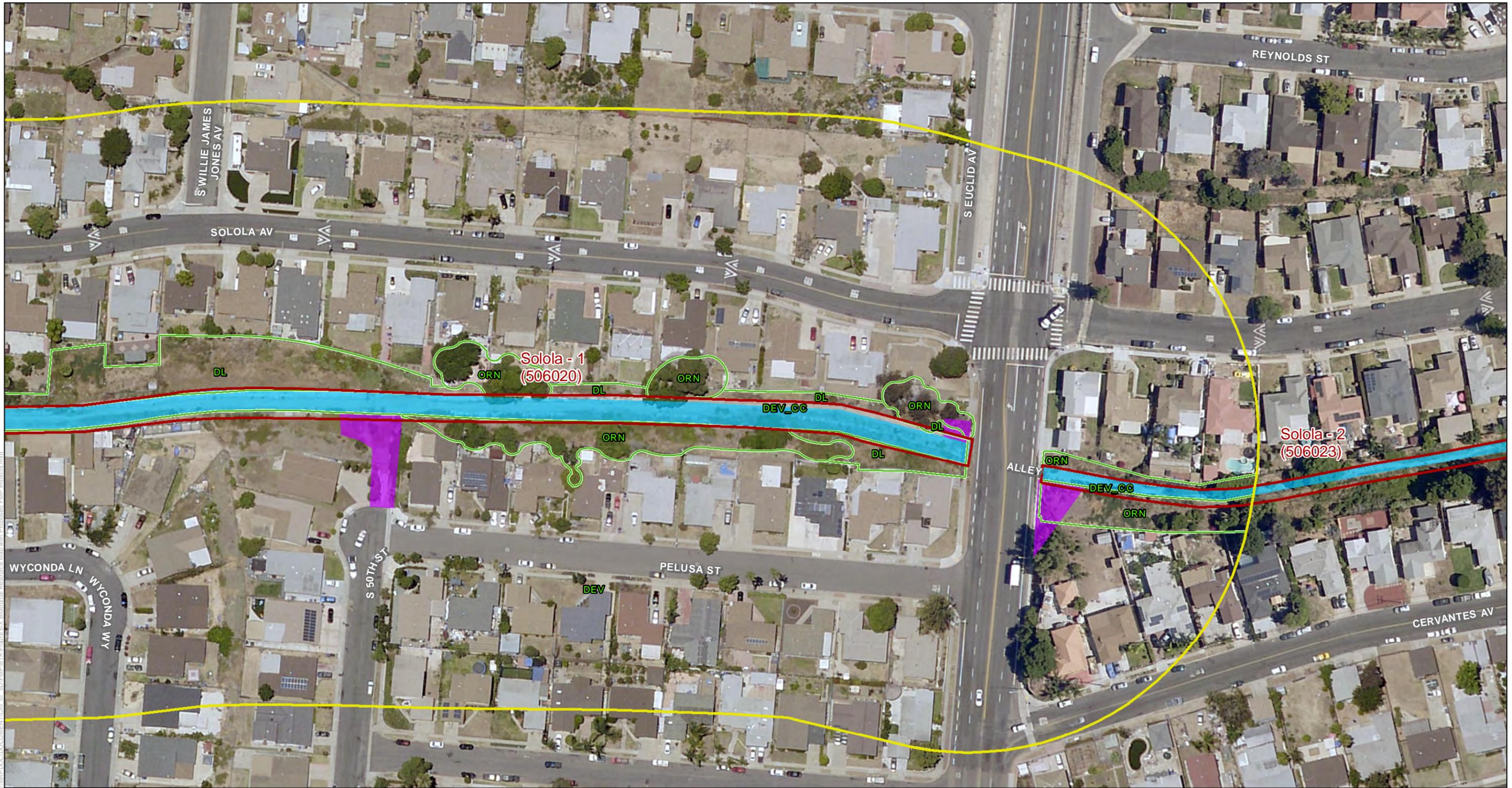
*See Figure 5 for Letter Codes



SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

Pueblo San Diego Watershed
 Paleta Creek - Solola

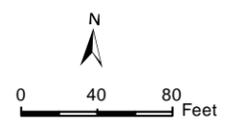
Figure 6-97 - Biological Resource Map with Proposed FMP Impacts



- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- Vegetation*

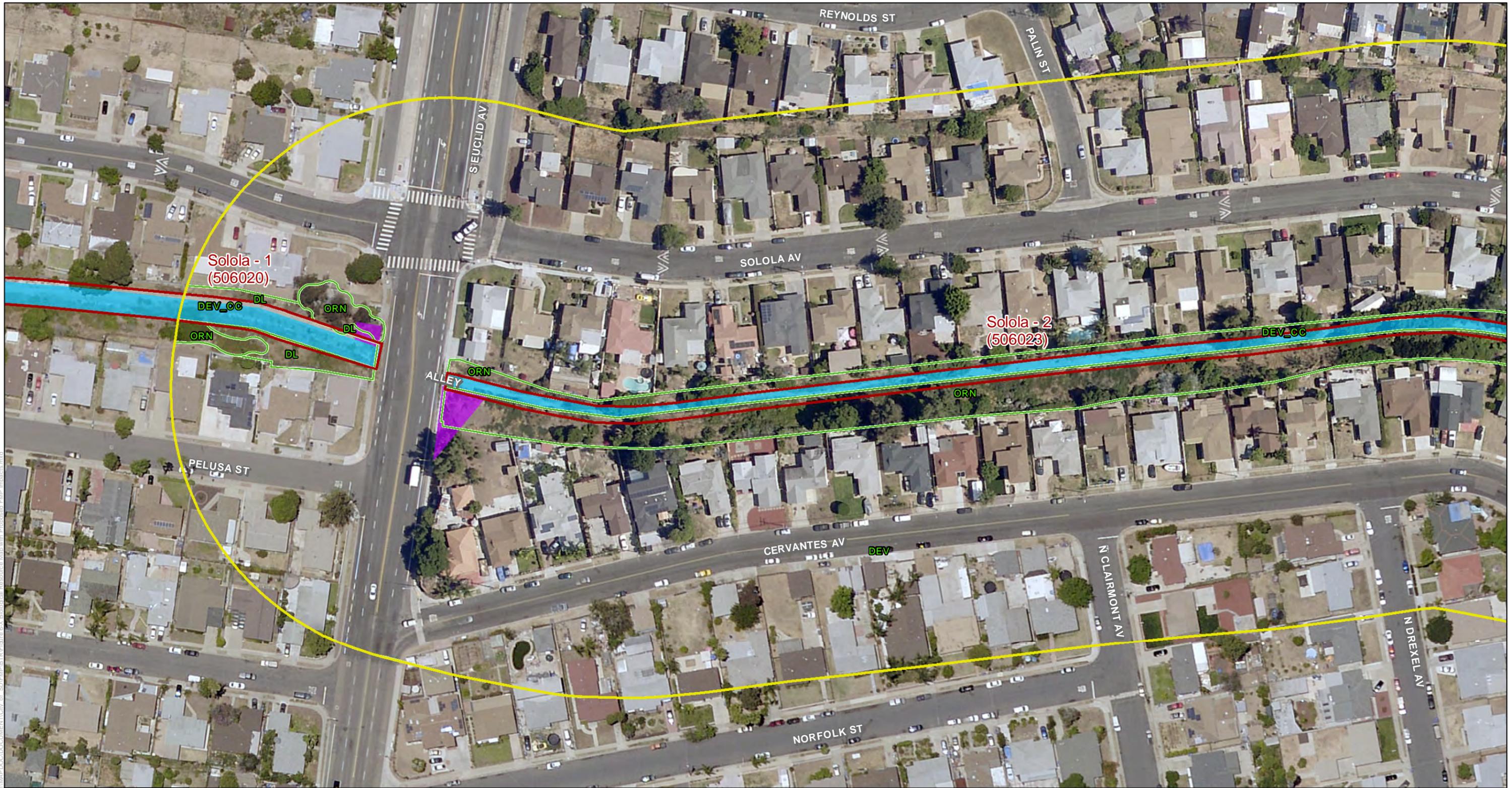
- Activity Area**
- Access/Loading/Staging/Stockpiling Area
 - Maintenance Area

*See Figure 5 for Letter Codes



SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

Document Path: Z:\Projects\CitySD\Ashe\0224101\MAPDOC\DOCUMENT\City of SD\FMP\BTR\Figure 6.X Biological Resource Map with Proposed FMP Impacts.mxd



- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- Vegetation*

- Activity Area**
- Access/Loading/Staging/Stockpiling Area
 - Maintenance Area

*See Figure 5 for Letter Codes

0 40 80

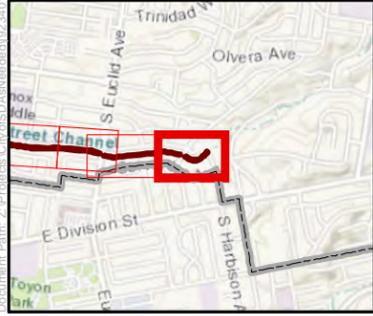
 Feet



SOURCE: SANDAG, 2014

Municipal Waterways Maintenance Plan

Biological Resources Technical Report



- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- Vegetation*

- Activity Area**
- Access/Loading/Staging/Stockpiling Area
 - Maintenance Area

*See Figure 5 for Letter Codes

0 40 80 Feet



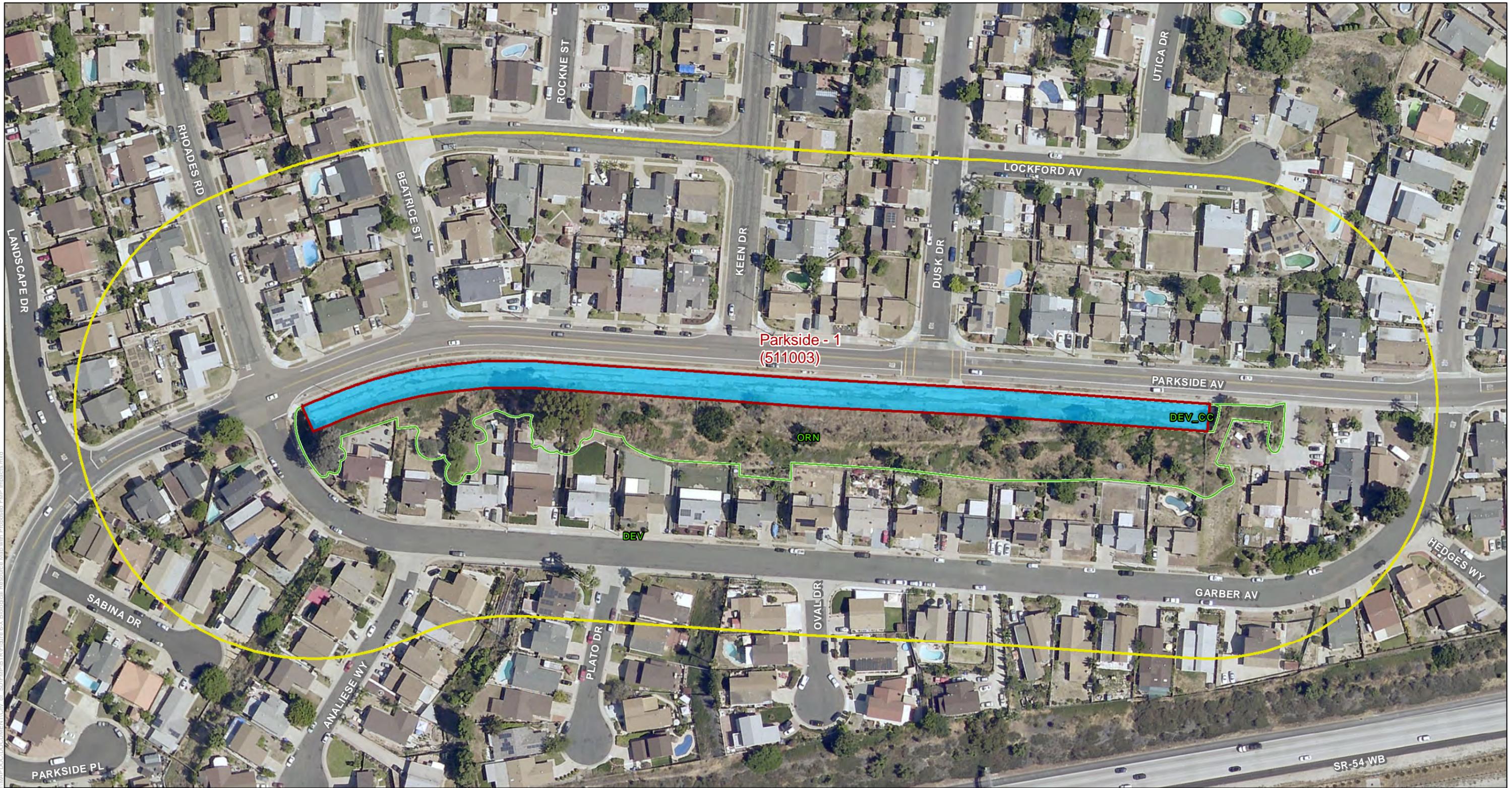
SOURCE: SANDAG, 2014

Municipal Waterways Maintenance Plan

Biological Resources Technical Report

Pueblo San Diego Watershed
Paleta Creek - Solola

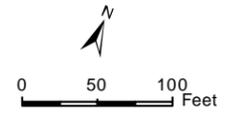
Figure 6-100 - Biological Resource Map with Proposed FMP Impacts



- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- Vegetation*

- Activity Area**
- Maintenance Area

*See Figure 5 for Letter Codes



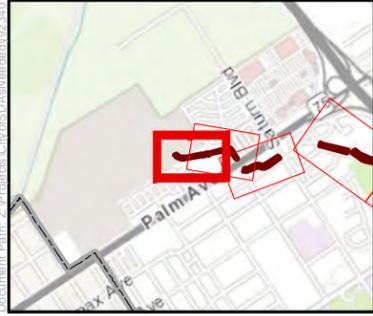
SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

Sweetwater Watershed
 Sweetwater River - Parkside

Figure 6-101 - Biological Resource Map with Proposed FMP Impacts



Document Path: Z:\Projects\CitySD\A\New\2014\2014\MAP\DOC\DOCUMENT\City of SD\EMP\BTR\Figures 6.X Biological Resource Map with Proposed FMP Impacts.mxd



- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- MHPA

- Vegetation* Activity Area
- Access/Loading/Staging/Stockpiling Area
- Maintenance Area

*See Figure 5 for Letter Codes

0 37.5 75 Feet



SOURCE: SANDAG, 2014

Municipal Waterways Maintenance Plan

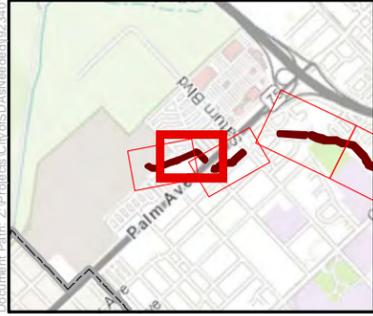
Biological Resources Technical Report

Otay Watershed
Nestor Creek - Nestor

Figure 6-102 - Biological Resource Map with Proposed FMP Impacts



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<ul style="list-style-type: none"> Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number) Other Facility Inspection Area(s) 300-foot Survey Boundary MHPA 	<ul style="list-style-type: none"> Vegetation* Activity Area Access/Loading/Staging/Stockpiling Area Maintenance Area
--	--

SOURCE: SANDAG, 2014

The City of SAN DIEGO

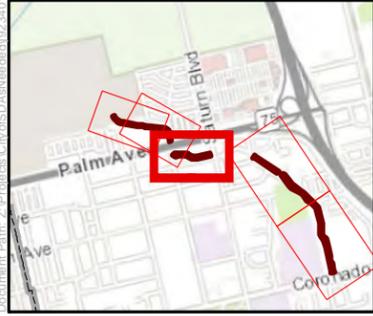
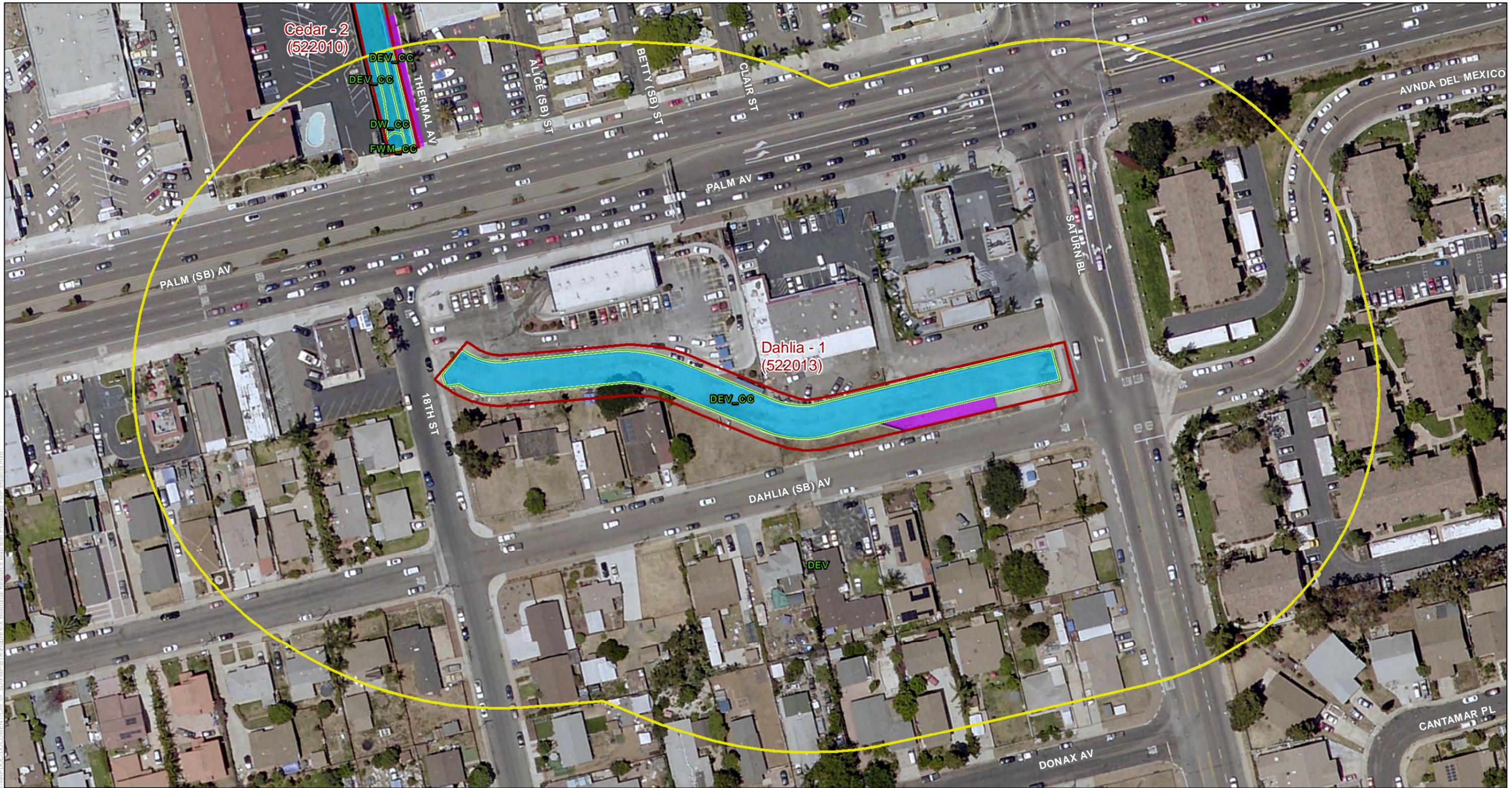
Municipal Waterways Maintenance Plan

Biological Resources Technical Report

*See Figure 5 for Letter Codes

Otay Watershed
Nestor Creek - Nestor

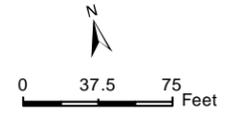
Figure 6-103 - Biological Resource Map with Proposed FMP Impacts



- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- Vegetation*

- Activity Area**
- Access/Loading/Staging/Stockpiling Area
 - Maintenance Area

*See Figure 5 for Letter Codes



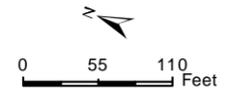
SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report



- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- Vegetation*

- Type**
- Animal
- Activity Area**
- Access/Loading/Staging/Stockpiling Area
 - Maintenance Area

*See Figure 5 for Letter Codes



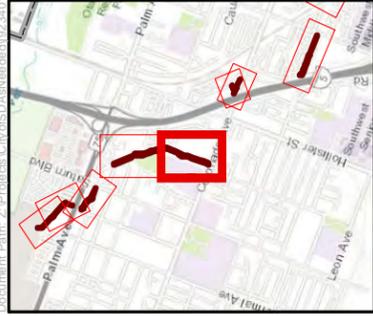
SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

Otay Watershed
 Nestor Creek - Nestor

Figure 6-105 - Biological Resource Map with Proposed FMP Impacts



Document Path: Z:\Projects\City\SDA\Neck\0223101\MAP\DOC\DOCUMENT\Civ. of SD\FMP\BTR\Fig. 6.5 Biological Resource Map with Proposed FMP Impacts.mxd



<ul style="list-style-type: none"> Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number) Other Facility Inspection Area(s) 300-foot Survey Boundary Vegetation* 	<p>Type</p> <ul style="list-style-type: none"> Animal <p>Activity Area</p> <ul style="list-style-type: none"> Access/Loading/Staging/Stockpiling Area Maintenance Area
---	---

SOURCE: SANDAG, 2014

The City of SAN DIEGO

Municipal Waterways Maintenance Plan

Biological Resources Technical Report

*See Figure 5 for Letter Codes

0 55 110 Feet

Otay Watershed
Nestor Creek - Nestor

Figure 6-106 - Biological Resource Map with Proposed FMP Impacts



 Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
 Other Facility Inspection Area(s)
 300-foot Survey Boundary
 Vegetation*

Activity Area
 Maintenance Area

DUDEK **The City of SAN DIEGO**

SOURCE: SANDAG, 2014

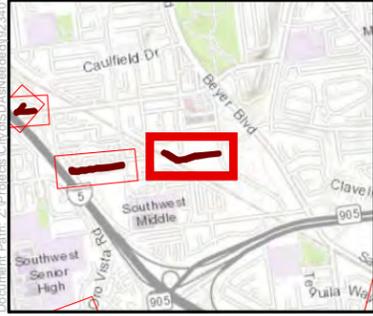
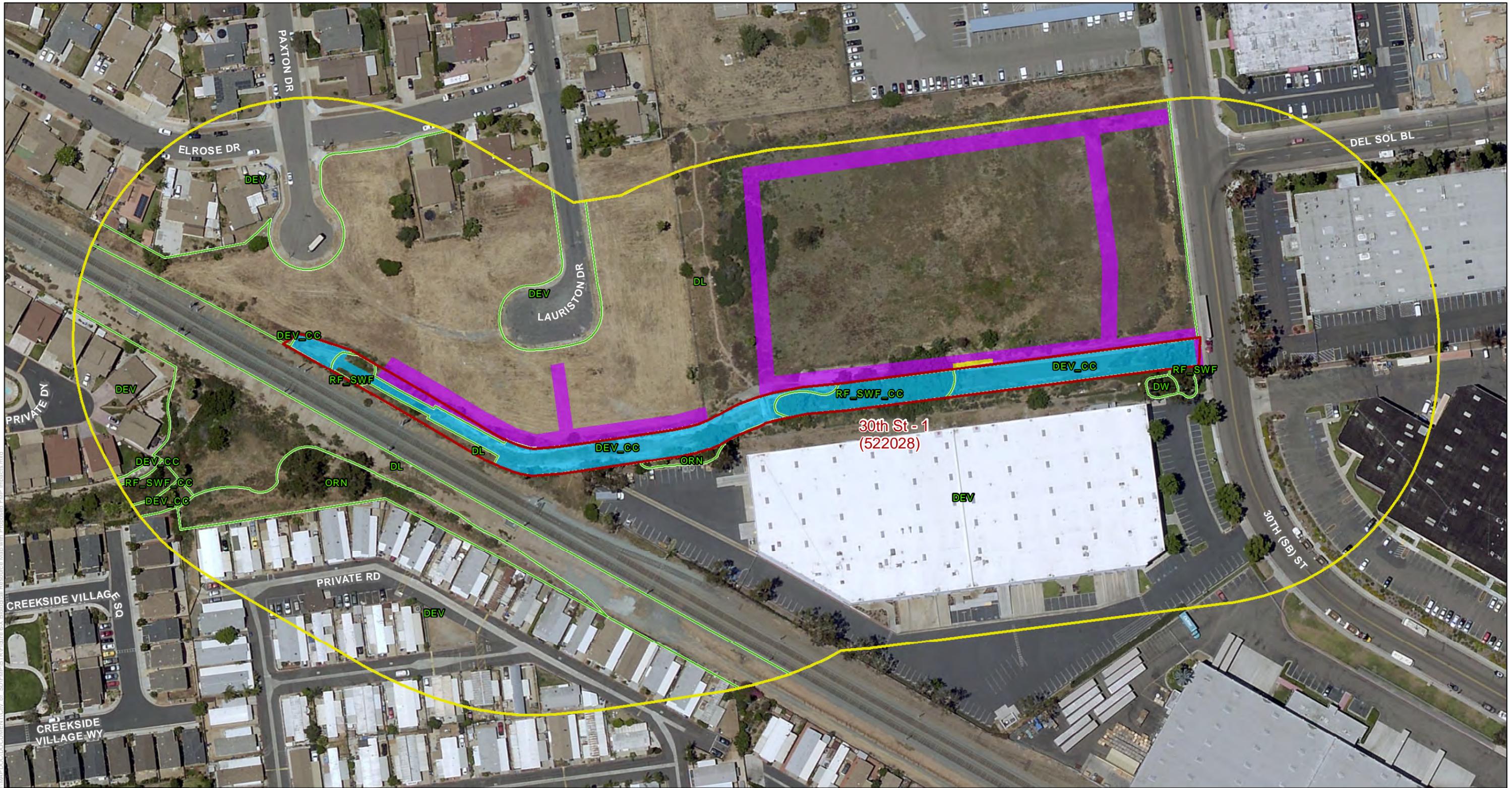
Municipal Waterways Maintenance Plan

Biological Resources Technical Report

*See Figure 5 for Letter Codes

0 45 90 Feet

N



<ul style="list-style-type: none"> Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number) Other Facility Inspection Area(s) 300-foot Survey Boundary Vegetation* 	<p>Activity Area</p> <ul style="list-style-type: none"> Access/Loading/Staging/Stockpiling Area Bank Repair Maintenance Area
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SOURCE: SANDAG, 2014

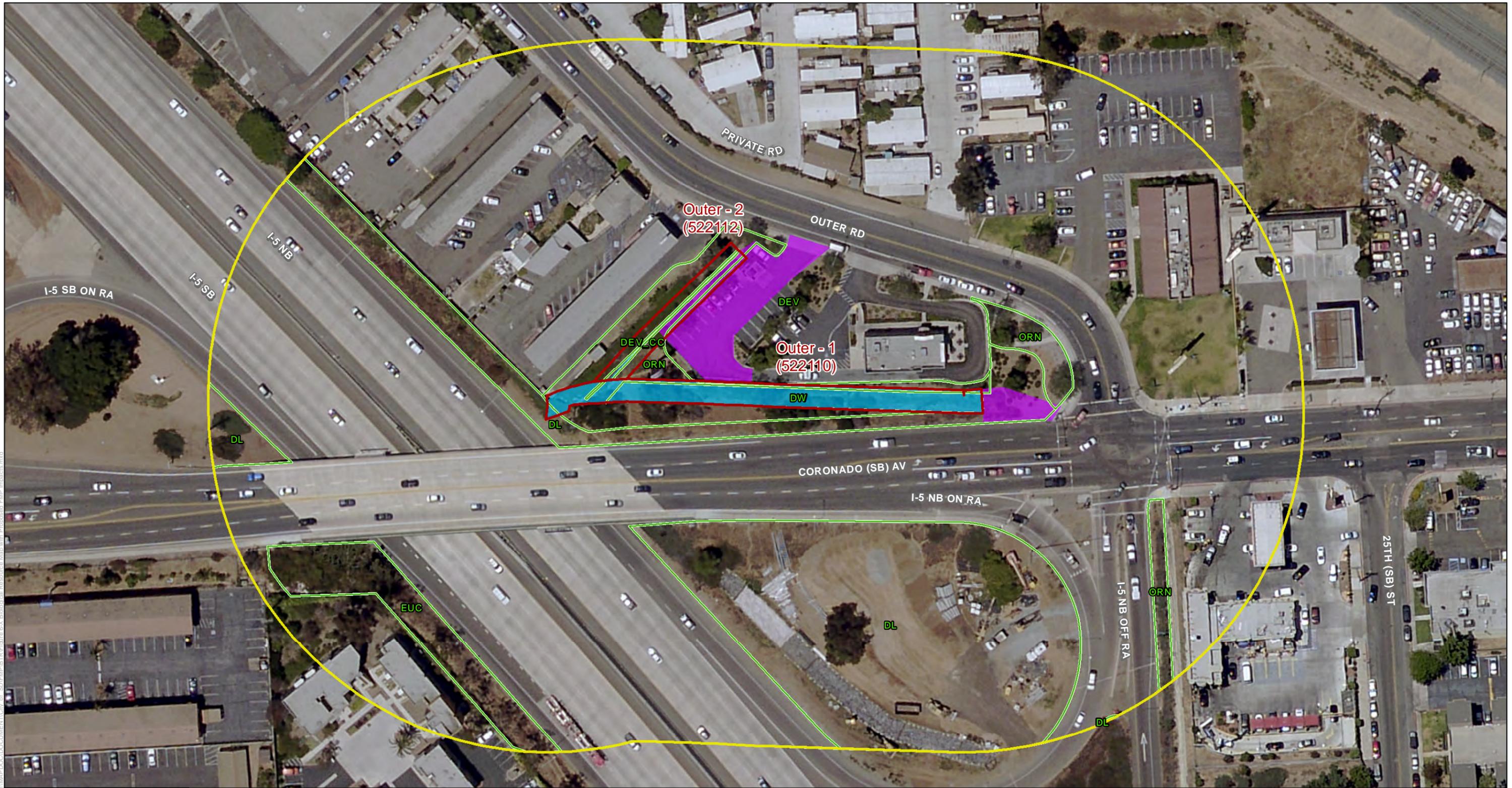
Municipal Waterways Maintenance Plan

Biological Resources Technical Report

*See Figure 5 for Letter Codes

Otay Watershed
Nestor Creek - Nestor

Figure 6-108 - Biological Resource Map with Proposed FMP Impacts



<ul style="list-style-type: none"> Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number) Other Facility Inspection Area(s) 300-foot Survey Boundary Vegetation* 	<p>Activity Area</p> <ul style="list-style-type: none"> Access/Loading/Staging/Stockpiling Area Maintenance Area
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SOURCE: SANDAG, 2014

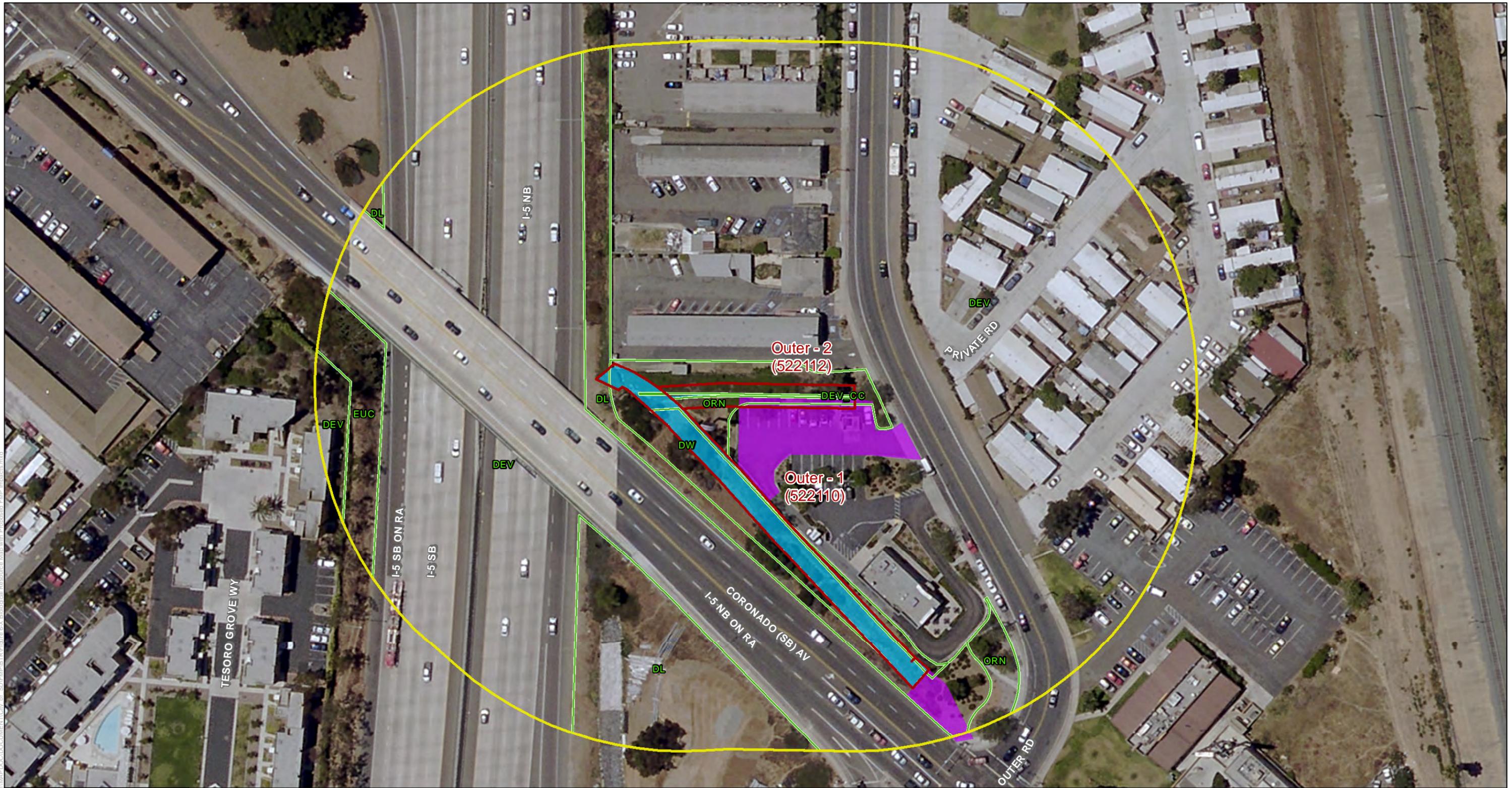
Municipal Waterways Maintenance Plan

Biological Resources Technical Report

*See Figure 5 for Letter Codes

Otay Watershed
Nestor Creek - Outer

Figure 6-109 - Biological Resource Map with Proposed FMP Impacts



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<ul style="list-style-type: none"> Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number) Other Facility Inspection Area(s) 300-foot Survey Boundary Vegetation* 	<p>Activity Area</p> <ul style="list-style-type: none"> Access/Loading/Staging/Stockpiling Area Maintenance Area
---	---

SOURCE: SANDAG, 2014

The City of SAN DIEGO

Municipal Waterways Maintenance Plan
Biological Resources Technical Report

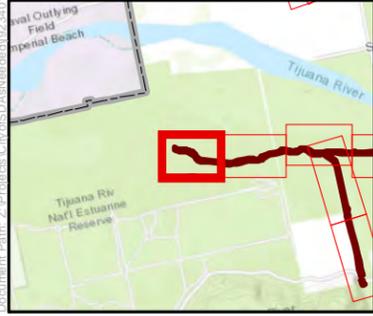
*See Figure 5 for Letter Codes

Otay Watershed
Nestor Creek - Outer

Figure 6-110 - Biological Resource Map with Proposed FMP Impacts



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- Proposed MWMP Project Facilities (FMPs)
(labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- MHPA
- Vegetation*
- Type**
- Animal
- Activity Area**
- Maintenance Area

*See Figure 5 for Letter Codes

0
 55
 110
 Feet



SOURCE: SANDAG, 2014

Municipal Waterways Maintenance Plan

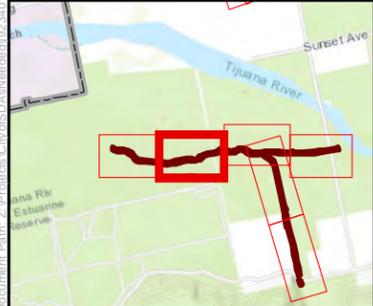
Biological Resources Technical Report

Tijuana River Watershed
Tijuana River - Pilot & Smugglers

Figure 6-111 - Biological Resource Map with Proposed FMP Impacts

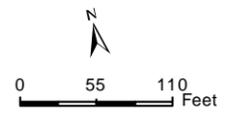


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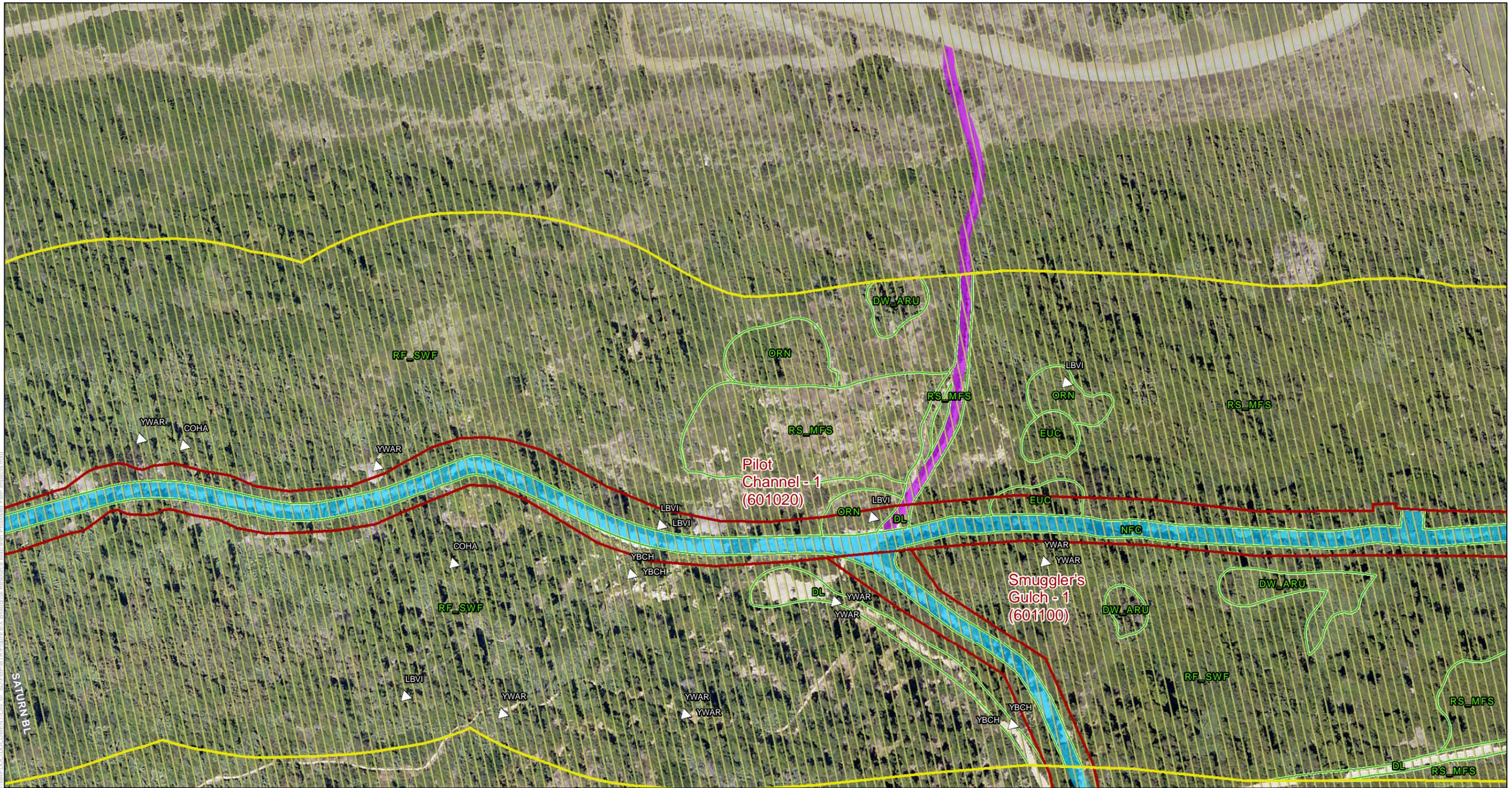
- Proposed MWMP Project Facilities (FMPs)
(labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- MHPA
- Vegetation*
- Type**
- Animal
- Activity Area**
- Maintenance Area

*See Figure 5 for Letter Codes



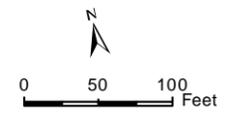
SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

Tijuana River Watershed
 Tijuana River - Pilot & Smugglers
 Figure 6-112 - Biological Resource Map with Proposed FMP Impacts



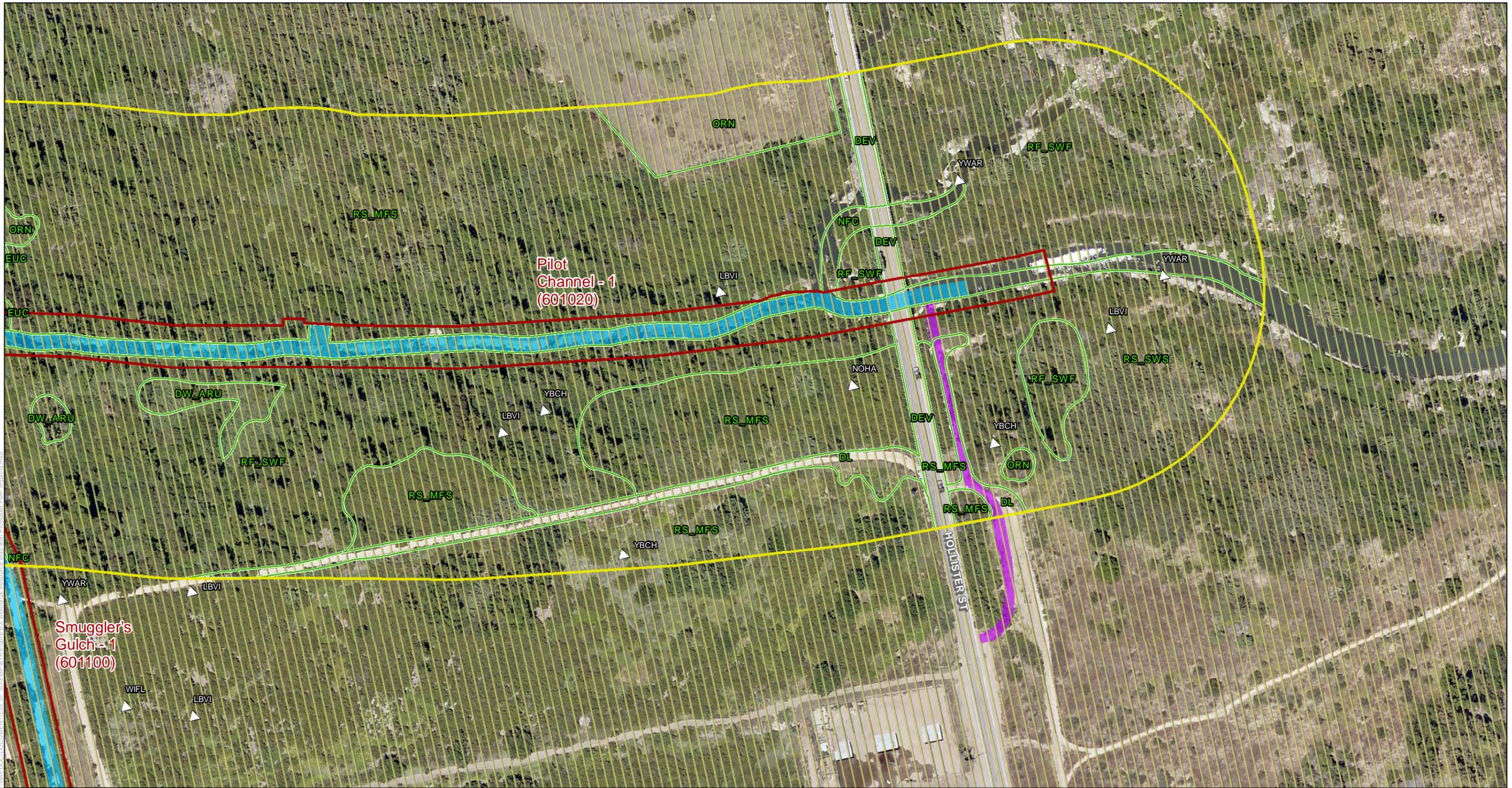
<ul style="list-style-type: none"> Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number) Other Facility Inspection Area(s) 300-foot Survey Boundary MHPA 	<ul style="list-style-type: none"> Vegetation* Type Animal Activity Area Access/Loading/Staging/Stockpiling Area 	<ul style="list-style-type: none"> Maintenance Area
--	--	---

*See Figure 5 for Letter Codes

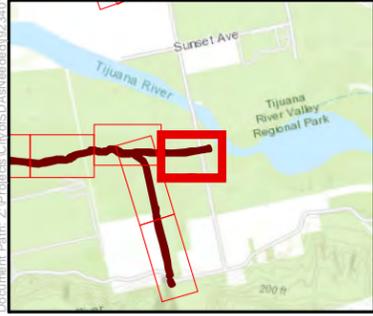


SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

Tijuana River Watershed
 Tijuana River - Pilot & Smugglers
 Figure 6-113 - Biological Resource Map with Proposed FMP Impacts



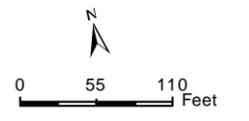
Document Path: Z:\Projects\CitySDA\Bioscience\2014\MAP\DOC\DOCUMENT\City of SD\EMP\BTR\Figures & X Biological Resource Map with Proposed EMP Impacts.mxd



- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- MHPA

- Vegetation*
- Type**
- Animal
- Activity Area**
- Maintenance Area
- Access/Loading/Staging/Stockpiling Area

*See Figure 5 for Letter Codes



SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report



Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)	Vegetation*	Activity Area
Other Facility Inspection Area(s)	Type	Access/Loading/Staging/Stockpiling Area
300-foot Survey Boundary	Animal	Maintenance Area
MHPA	Plant	

SOURCE: SANDAG, 2014

The City of SAN DIEGO

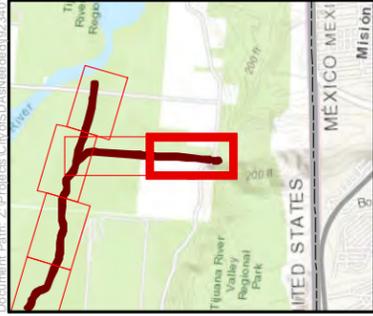
Municipal Waterways Maintenance Plan
Biological Resources Technical Report

*See Figure 5 for Letter Codes

0 55 110 Feet

Tijuana River Watershed
Tijuana River - Pilot & Smugglers

Figure 6-115 - Biological Resource Map with Proposed FMP Impacts

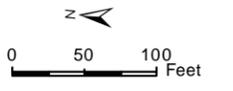


- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- MHPA

- Vegetation*
- Sensitive Plant Species
- Type**
- Animal
- Plant

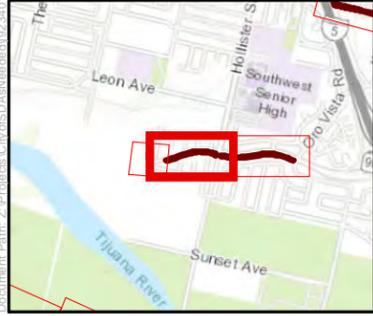
- Activity Area**
- Access/Loading/Staging/Stockpiling Area
- Maintenance Area

*See Figure 5 for Letter Codes



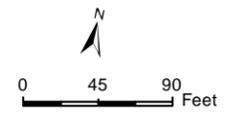
SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

Tijuana River Watershed
 Tijuana River - Pilot & Smugglers
 Figure 6-116 - Biological Resource Map with Proposed FMP Impacts



- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
 - Other Facility Inspection Area(s)
 - 300-foot Survey Boundary
 - Vegetation*
- Activity Area**
 - Maintenance Area

*See Figure 5 for Letter Codes

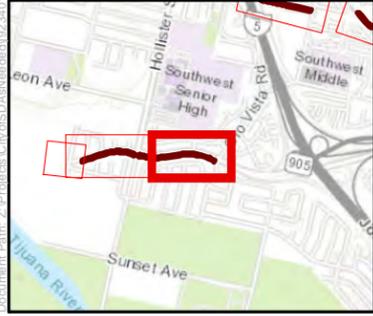


SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

Tijuana River Watershed
 Tijuana River - Tocayo
 Figure 6-117 - Biological Resource Map with Proposed FMP Impacts



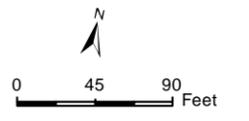
Document Path: Z:\Projects\CitySD\A\Neck\0223101\MAP\DOC\DOCUMENT\City of SD\FEUP\BTR\Figure 6.1 Biological Resource Map with Proposed EMP Impacts.mxd



- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- Vegetation*

- Activity Area**
- Maintenance Area

*See Figure 5 for Letter Codes



SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report



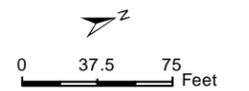
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- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- MHPA

- Vegetation* Activity Area
- Access/Loading/Staging/Stockpiling Area
- Maintenance Area

*See Figure 5 for Letter Codes



SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report



 Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
 Other Facility Inspection Area(s)
 300-foot Survey Boundary
 Vegetation*

Activity Area
 Access/Loading/Staging/Stockpiling Area
 Maintenance Area

SOURCE: SANDAG, 2014

The City of **SAN DIEGO**

Municipal Waterways Maintenance Plan

Biological Resources Technical Report

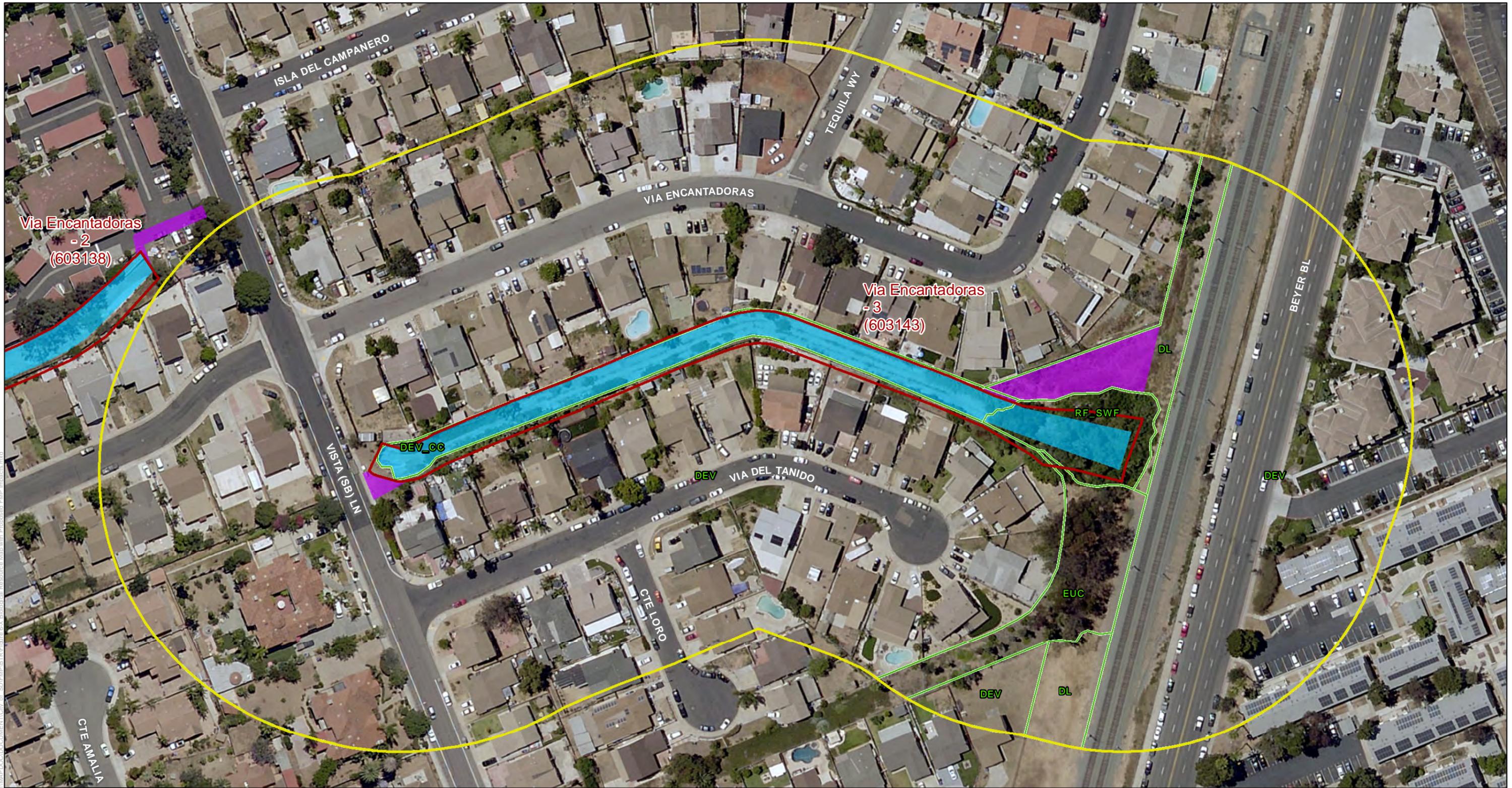
*See Figure 5 for Letter Codes

0 45 90 Feet

Tijuana River Watershed
 Tijuana River - Smythe

Figure 6-120 - Biological Resource Map with Proposed FMP Impacts

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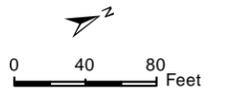
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- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- Vegetation*

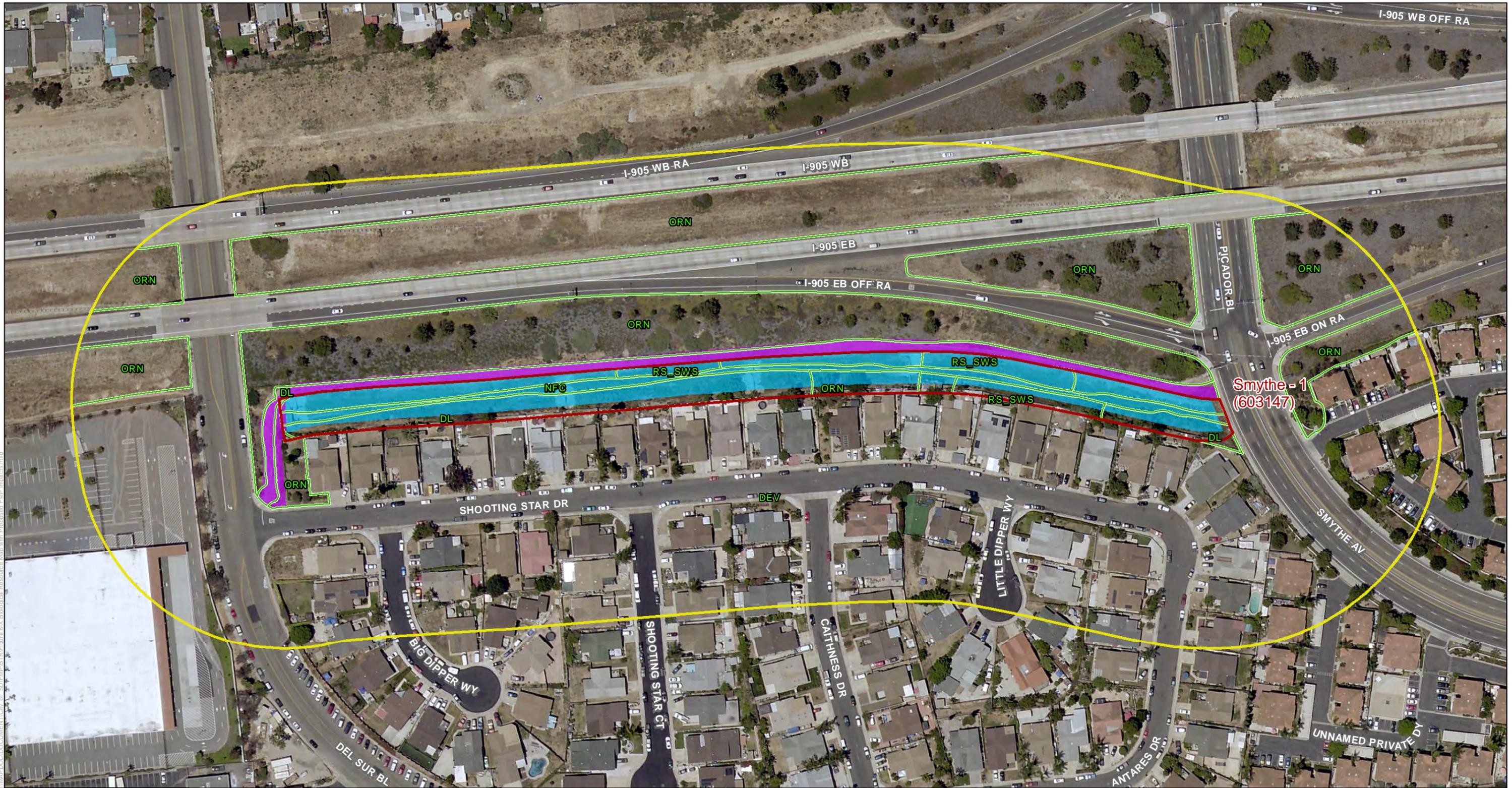
- Activity Area**
- Access/Loading/Staging/Stockpiling Area
 - Maintenance Area

*See Figure 5 for Letter Codes



SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

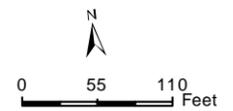
Tijuana River Watershed
 Tijuana River - Smythe
 Figure 6-121 - Biological Resource Map with Proposed FMP Impacts



- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- Vegetation*

- Activity Area**
- Access/Loading/Staging/Stockpiling Area
 - Maintenance Area

*See Figure 5 for Letter Codes



SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

Tijuana River Watershed
 Tijuana River - Smythe
 Figure 6-122 - Biological Resource Map with Proposed FMP Impacts



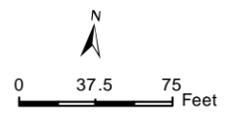
Document Path: Z:\Projects\CitySD\Ae\Needs\GIS\Map\DOCUMENT\City of SD\EUPMIS\Figures 6.X Biological Resource Map with Proposed FMP Impacts.mxd

- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- Vegetation*

- Sensitive Plant Species
- Type**
- Plant
- Activity Area**
- Access/Loading/Staging/Stockpiling Area

Maintenance Area

*See Figure 5 for Letter Codes



SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

Tijuana River Watershed
 Tijuana River - Smythe

Figure 6-123 - Biological Resource Map with Proposed FMP Impacts



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<ul style="list-style-type: none"> Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number) Other Facility Inspection Area(s) 300-foot Survey Boundary Vegetation* 	<p>Activity Area</p> <ul style="list-style-type: none"> Access/Loading/Staging/Stockpiling Area Maintenance Area
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SOURCE: SANDAG, 2014

The City of SAN DIEGO

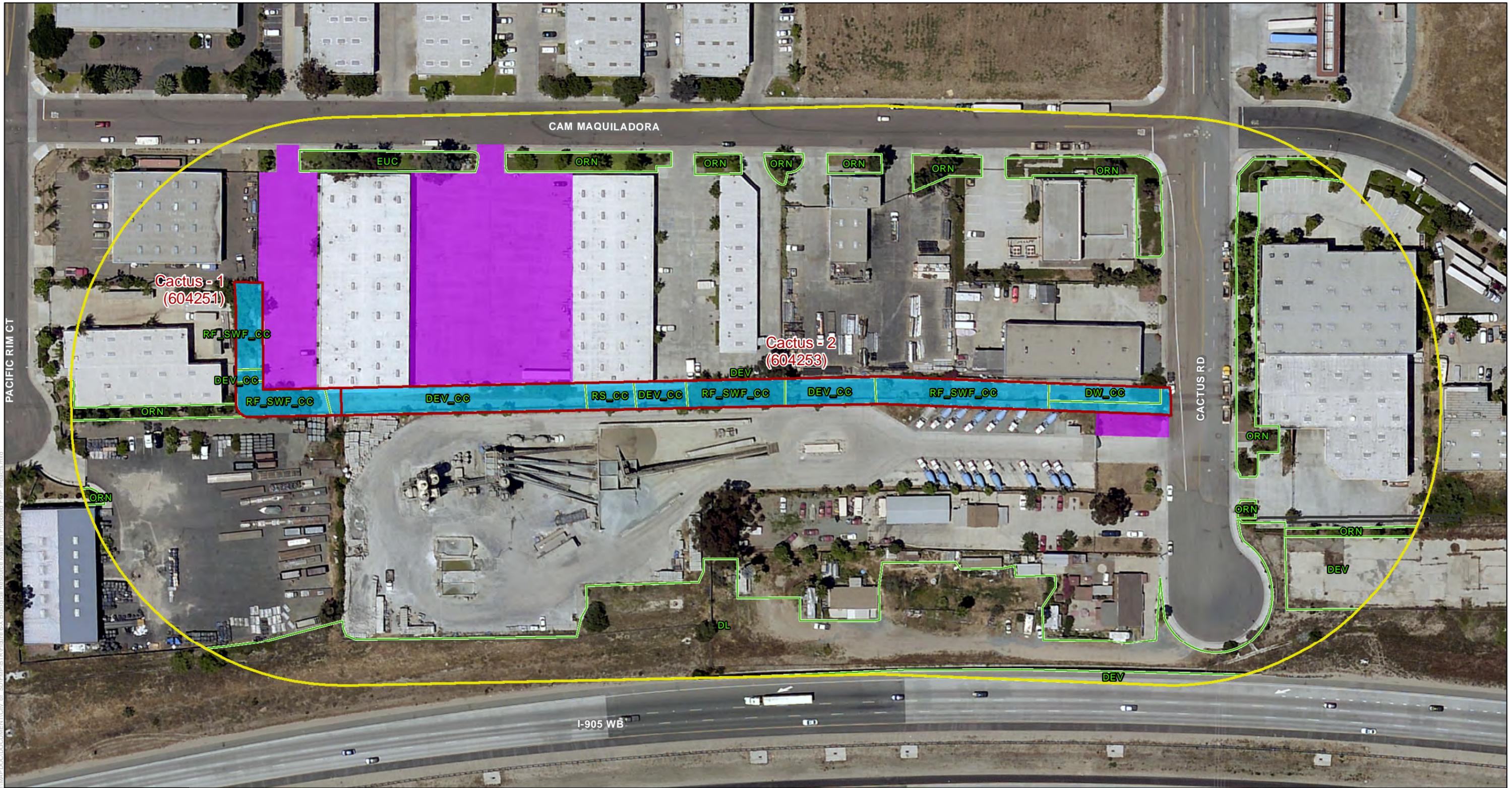
Municipal Waterways Maintenance Plan

Biological Resources Technical Report

*See Figure 5 for Letter Codes

Tijuana River Watershed
Spring Canyon Creek - Cactus

Figure 6-124 - Biological Resource Map with Proposed FMP Impacts



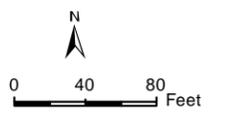
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- Proposed MWMP Project Facilities (FMPs)
(labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- Vegetation*

- Activity Area**
- Access/Loading/Staging/Stockpiling Area
 - Maintenance Area

*See Figure 5 for Letter Codes



SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

Tijuana River Watershed
 Spring Canyon Creek - Cactus
 Figure 6-125 - Biological Resource Map with Proposed FMP Impacts



Siempre Viva - 1 (605110)

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<ul style="list-style-type: none"> Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number) Other Facility Inspection Area(s) 300-foot Survey Boundary MHPA 	<ul style="list-style-type: none"> Vegetation* Activity Area Access/Loading/Staging/Stockpiling Area Maintenance Area
--	--

SOURCE: SANDAG, 2014

Municipal Waterways Maintenance Plan

Biological Resources Technical Report

*See Figure 5 for Letter Codes

Tijuana River Watershed
Tijuana River - Siempre Viva

Figure 6-126 - Biological Resource Map with Proposed FMP Impacts



- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- MHPA
- Vegetation*
- Type**
- Plant
- Activity Area**
- Maintenance Area
- Access/Loading/Staging/Stockpiling Area

*See Figure 5 for Letter Codes

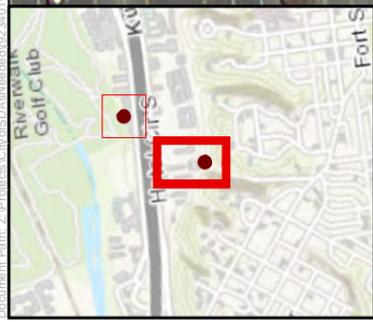
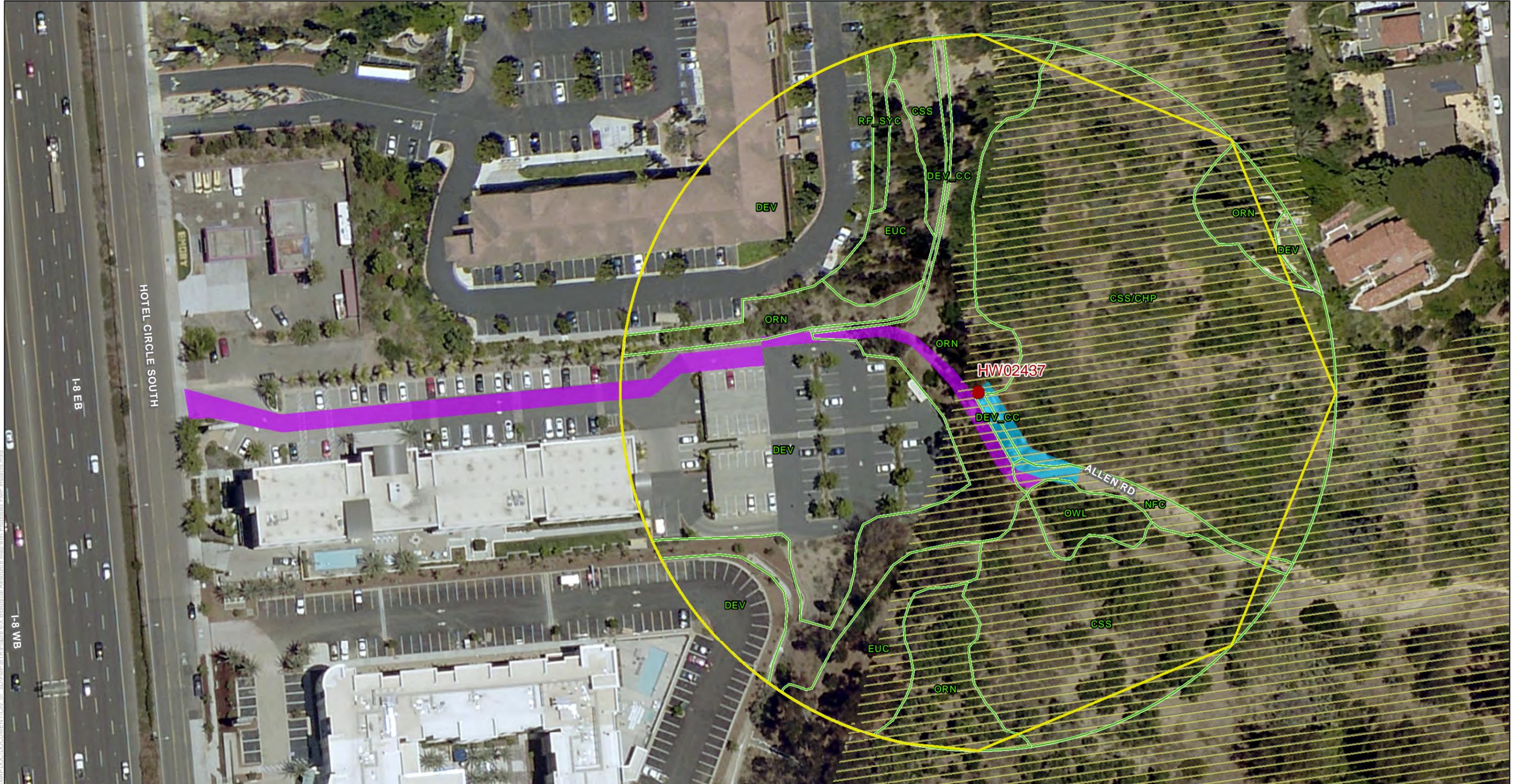


SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

Tijuana River Watershed
 Tijuana River - La Media

Figure 6-127 - Biological Resource Map with Proposed FMP Impacts

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- Structure - IAMFLOC Number
 - Other Facility Inspection Area(s)
 - 300-foot Survey Boundary
 - MHPA
 - Vegetation*
- Activity Area**
 - Access/Loading/Staging/Stockpiling Area
 - Maintenance Area

*See Figure 5 for Letter Codes

0 30 60 Feet



SOURCE: SANDAG, 2014

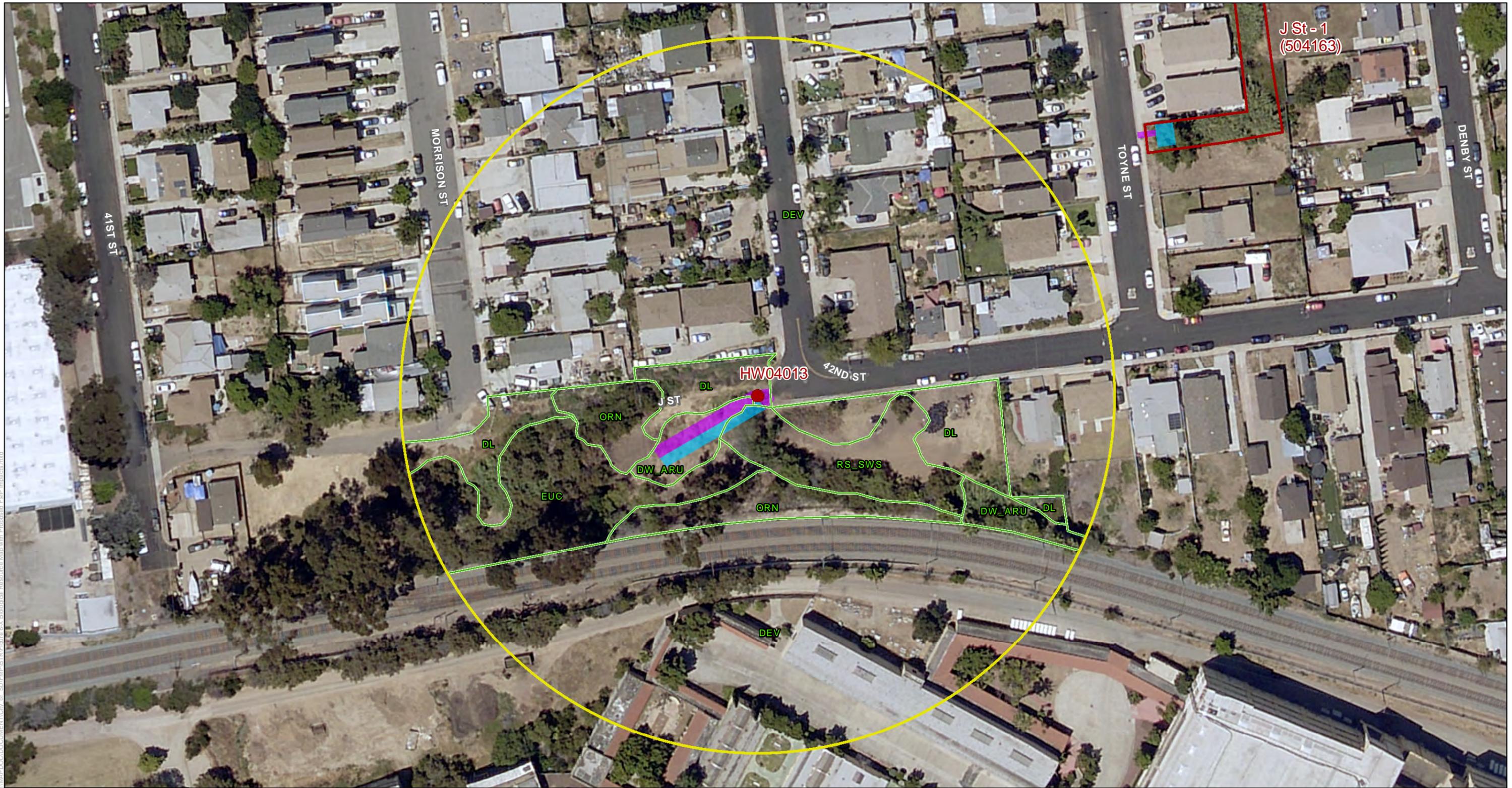
Municipal Waterways Maintenance Plan

Biological Resources Technical Report

San Diego River Watershed
2087 Hotel Circle South

Figure 6-128 - Biological Resource Map with Proposed FMP Impacts

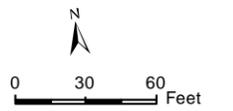
Document Path: Z:\Projects\CitySDA\Necked\9223101\MAP\DOC\DOCUMENT\Ctr of SD\EM\BTR\Figure 6-X Biological Resource Map with Proposed FMP Impacts.mxd



- Structure - IAMFLOC Number
- Proposed MWMP Project Facilities (FMPs) (labeled by segment name and number)
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary

- Vegetation*
- Activity Area**
- Access/Loading/Staging/Stockpiling Area
- Maintenance Area

*See Figure 5 for Letter Codes



DUDEK

The City of
SAN DIEGO

SOURCE: SANDAG, 2014
Municipal Waterways Maintenance Plan
Biological Resources Technical Report

Pueblo San Diego Watershed
4202 J Street

Figure 6-130 - Biological Resource Map with Proposed FMP Impacts

Document Path: Z:\Projects\CitySDA\Needs\02232011\MAPDOC\DOCUMENT\City of SD\FMP\BTR\Figure 6.X Biological Resource Map with Proposed FMP Impacts.mxd

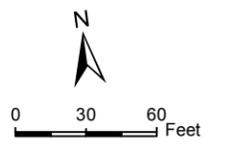


Document Path: Z:\Projects\GIS\SDA\MapDocs\DOCUMENT\City of SD\EMP\BTR\Figure 6.X Biological Resources Map with Proposed FMP Impacts.mxd



- | | |
|-------------------------------------|---|
| ● Structure - IAMFLOC Number | Type |
| □ Other Facility Inspection Area(s) | □ Plant |
| ○ 300-foot Survey Boundary | Activity Area |
| ▨ MHPA | ■ Access/Loading/Staging/Stockpiling Area |
| ▭ Vegetation* | ■ Maintenance Area |

*See Figure 5 for Letter Codes



SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

Los Peñasquitos Watershed
 10405 Sorrento Valley Road

Figure 6-131 - Biological Resource Map with Proposed FMP Impacts



Document Path: Z:\Projects\CitySD\A\B\B\MapDocs\DOCUMENT\City of SD\FMP\BTR\Figures 6.X Biological Resource Map with Proposed FMP Impacts.mxd



- | | |
|--|---|
| <ul style="list-style-type: none"> ● Structure - IAMFLOC Number Other Facility Inspection Area(s) 300-foot Survey Boundary MHPA Vegetation* | <p>Activity Area</p> <ul style="list-style-type: none"> Access/Loading/Staging/Stockpiling Area Maintenance Area |
|--|---|

*See Figure 5 for Letter Codes



SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

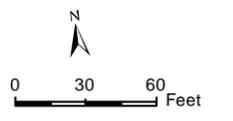
San Diego River Watershed
 1277 Camino Del Rio South

Figure 6-132 - Biological Resource Map with Proposed FMP Impacts



- Structure - IAMFLOC Number
 - Other Facility Inspection Area(s)
 - 300-foot Survey Boundary
 - MHPA
 - Vegetation*
- Activity Area**
 - Access/Loading/Staging/Stockpiling Area
 - Maintenance Area

*See Figure 5 for Letter Codes

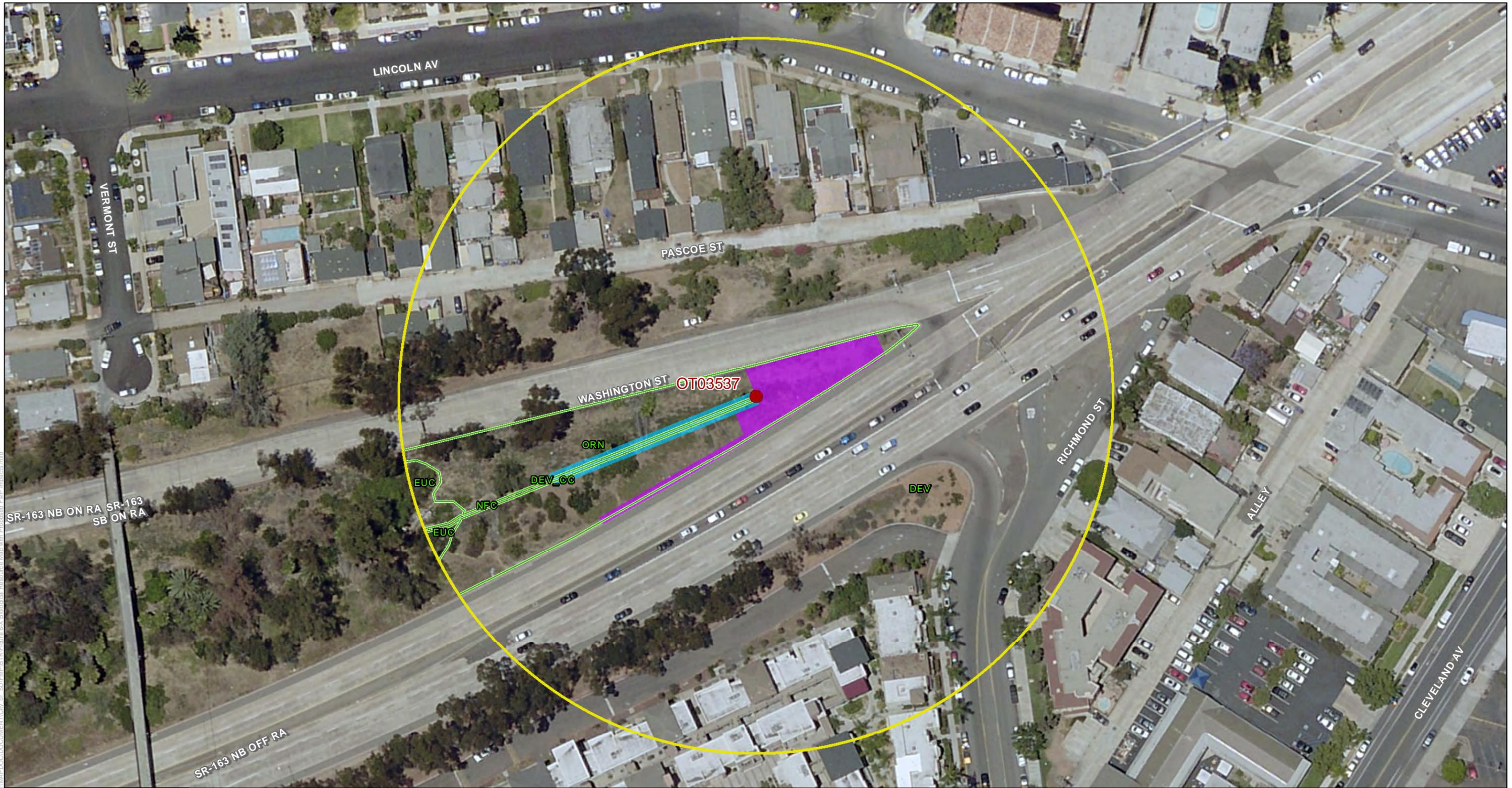


SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

San Diego River Watershed
 1660 Hotel Circle North

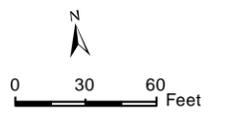
Figure 6-133 - Biological Resource Map with Proposed FMP Impacts

Document Path: Z:\Projects\CitySD\A06\02232101\MAP\DOC\DOCUMENT\Ctr. of SD\EMUP\BTR\Figure 6.X Biological Resource Map with Proposed FMP Impacts.mxd



- Structure - IAMFLOC Number
 - Other Facility Inspection Area(s)
 - 300-foot Survey Boundary
 - Vegetation*
- Activity Area**
 - Access/Loading/Stockpiling Area
 - Maintenance Area

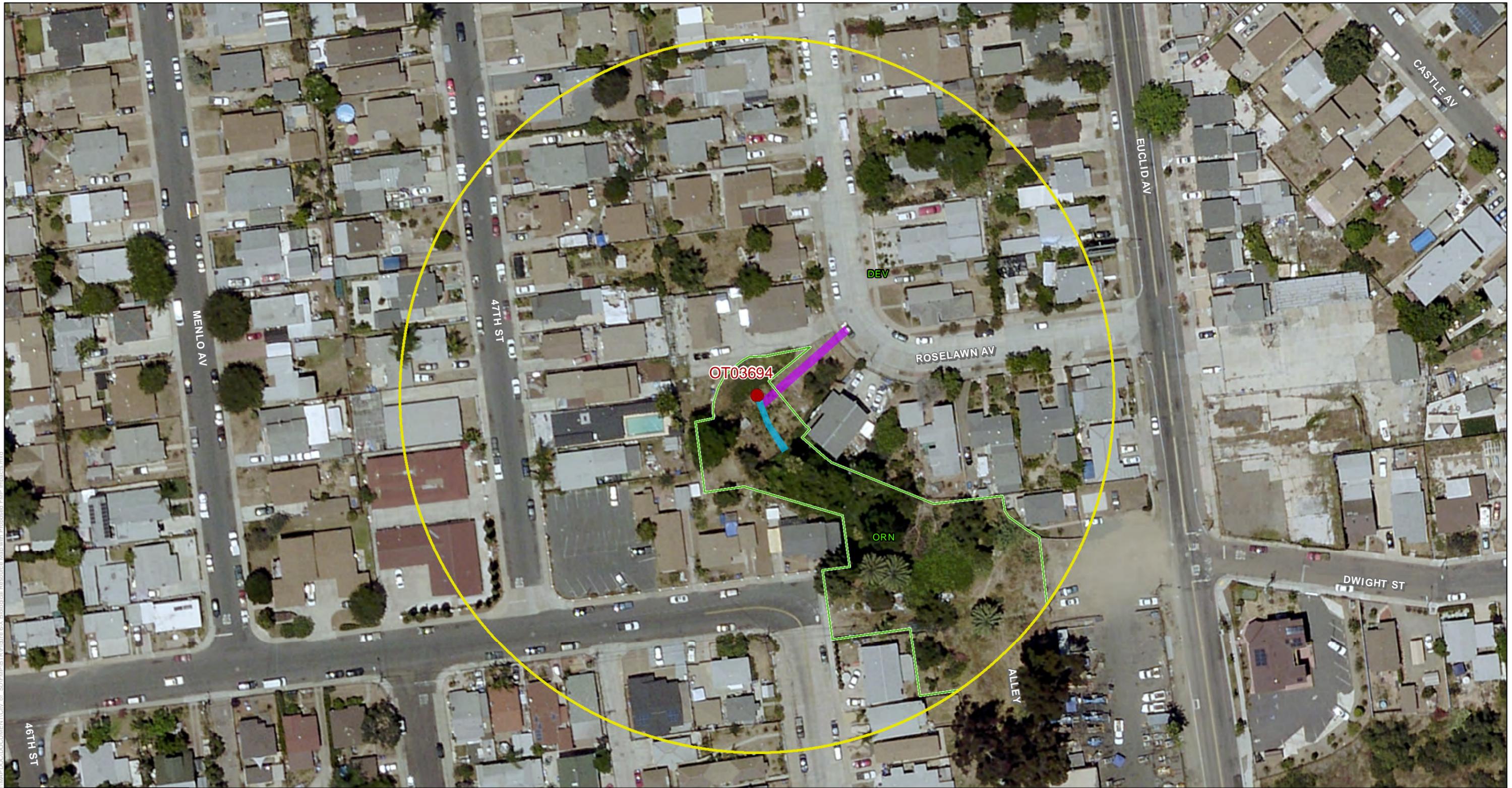
*See Figure 5 for Letter Codes



SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

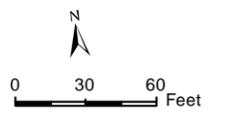
San Diego River Watershed
 1331 Washington

Figure 6-134 - Biological Resource Map with Proposed FMP Impacts



- Structure - IAMFLOC Number
 - Other Facility Inspection Area(s)
 - 300-foot Survey Boundary
 - Vegetation*
- Activity Area**
 - Access/Loading/Staging/Stockpiling Area
 - Maintenance Area

*See Figure 5 for Letter Codes

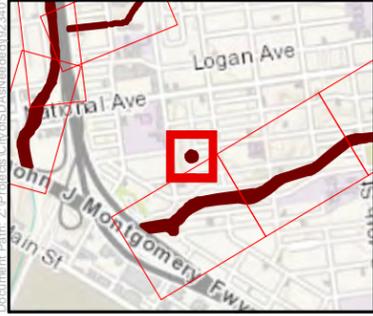
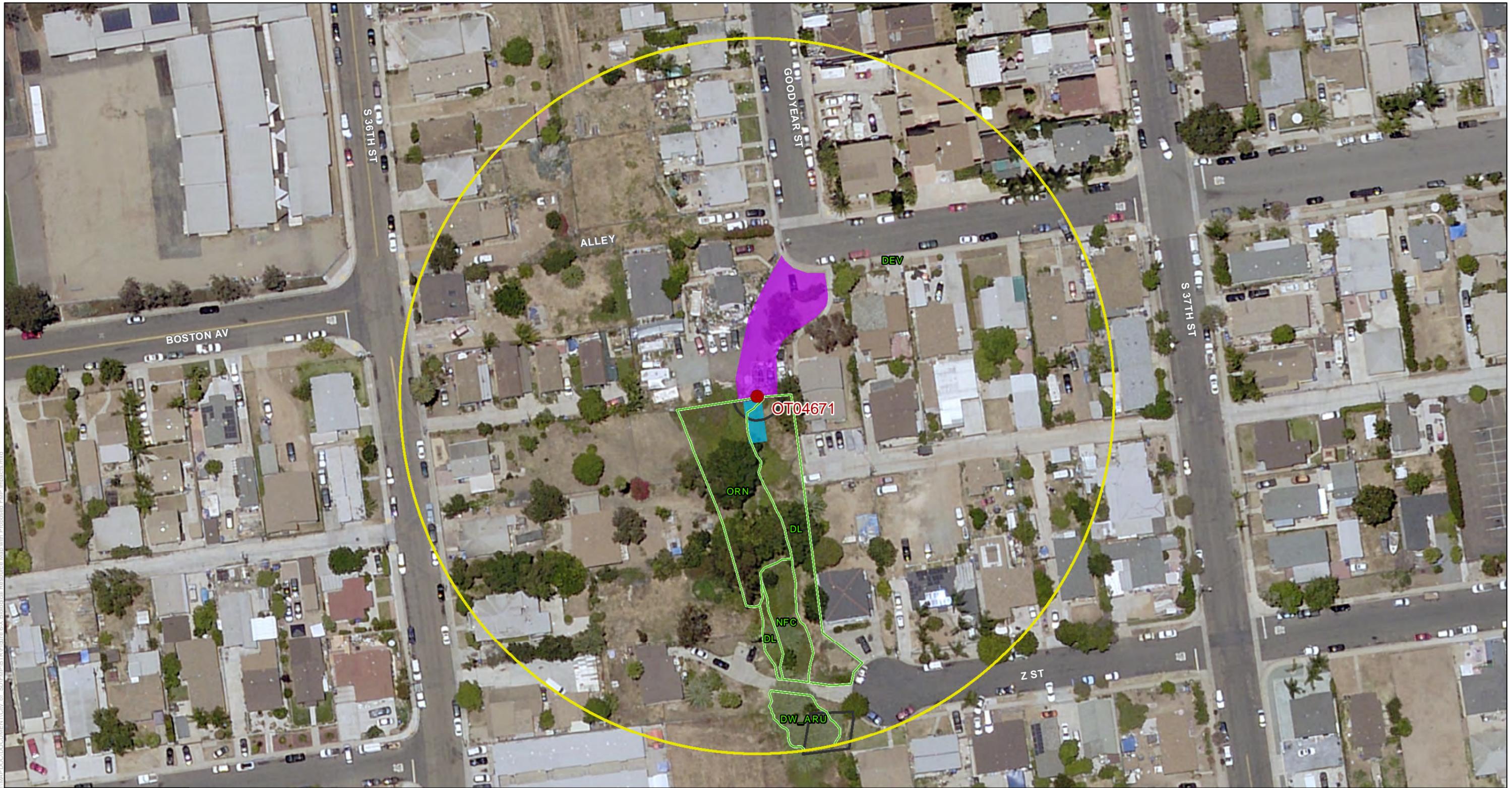


SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

Pueblo San Diego Watershed
 3644 Roselawn

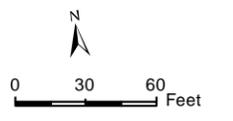
Figure 6-135 - Biological Resource Map with Proposed FMP Impacts

Document Path: Z:\Projects\CitySD\Aerials\202401\MAPDOC\DOCUMENT\Ctr of SD\FMP\BTR\Figure 6.3 Biological Resource Map with Proposed FMP Impacts.mxd



- Structure - IAMFLOC Number
 - Other Facility Inspection Area(s)
 - 300-foot Survey Boundary
 - Vegetation*
- Activity Area**
- Access/Loading/Staging/Stockpiling Area
 - Maintenance Area

*See Figure 5 for Letter Codes

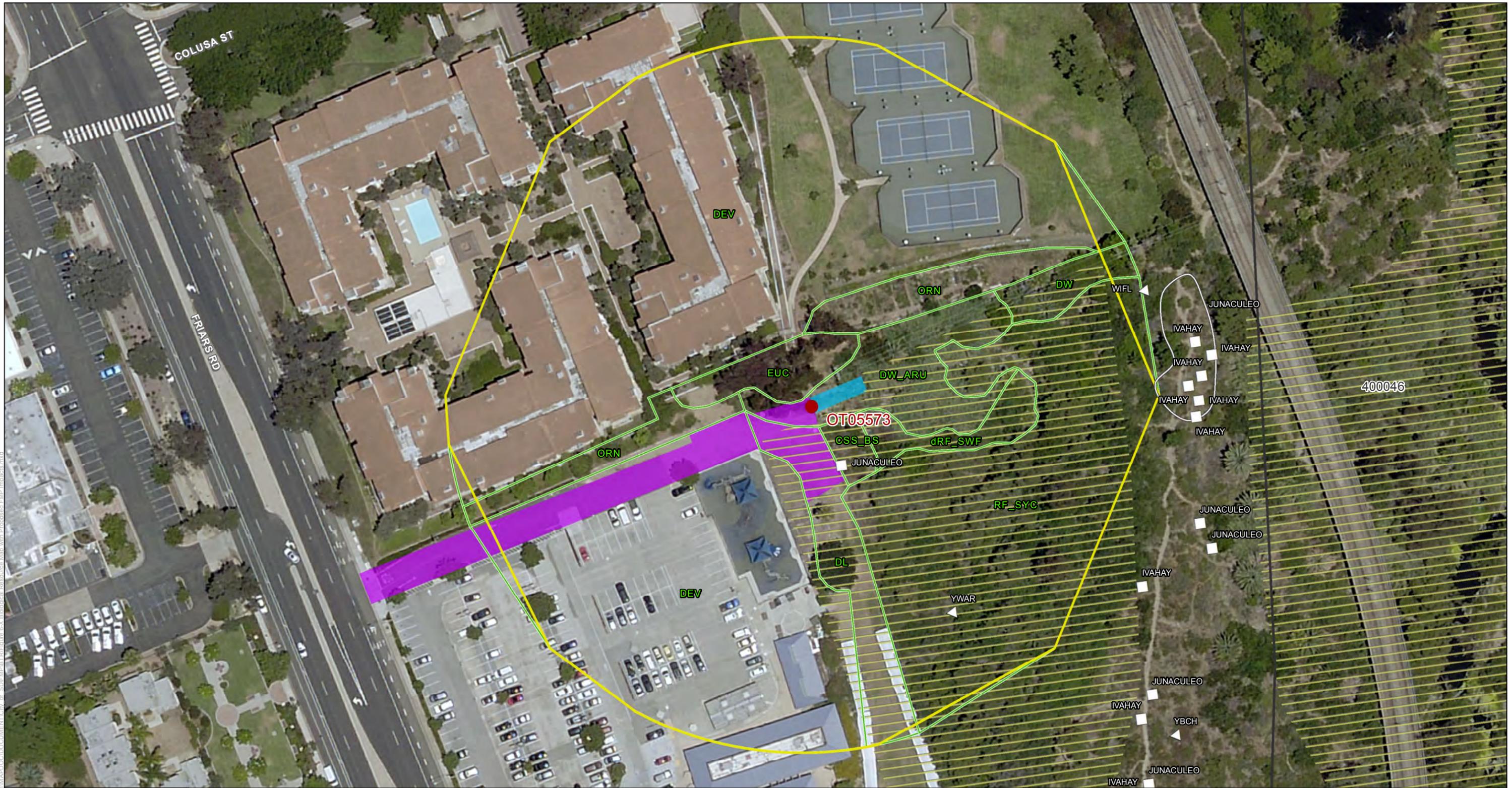


SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

Pueblo San Diego Watershed
 1206 Goodyear

Figure 6-136 - Biological Resource Map with Proposed FMP Impacts

Document Path: Z:\Projects\CitySD\Ae\Needs\092210\MAP\DOC\DOCUMENT\Ctr of SD\EMUP\BTR\Figures & X Biological Resource Map with Proposed FMP Impacts.mxd



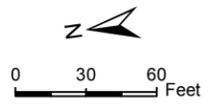
Document Path: Z:\Projects\CitySD\MapDocs\DOCUMENT\City of SD\HUB\BTR\Figure 6-X Biological Resources Map with Proposed FMP Impacts.mxd



- Structure - IAMFLOC Number
- Other Facility Inspection Area(s)
- 300-foot Survey Boundary
- MHPA
- Vegetation*
- Sensitive Plant Species
- Type**
- ▲ Animal
- Plant

- Activity Area**
- Access/Loading/Staging/Stockpiling Area
- Maintenance Area

*See Figure 5 for Letter Codes



SOURCE: SANDAG, 2014
 Municipal Waterways Maintenance Plan
 Biological Resources Technical Report

San Diego River Watershed
 5505 Friars Road

Figure 6-137 - Biological Resource Map with Proposed FMP Impacts